



भारत का राजपत्र

The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 26] नई दिल्ली, शनिवार, जून 25, 1977 (आषाढ़ 4, 1899)
No. 26] NEW DELHI, SATURDAY, JUNE 25, 1977 (ASADHA 4, 1899)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके ।
Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE
PATENTS AND DESIGNS
Calcutta, the 25th June 1977

SPECIAL NOTICE

The undermentioned publications which have hitherto been on sale with the In-Charge, Government of India Book Depot, 8, Kiran Shankar Roy Road, Calcutta-700017 and copies thereof will henceforth be sold by the Patent Office.

Printed patent specifications Nos. 99001 to 105,000.

2. Copies of the printed patent specifications Nos. 1 to 99000 will continue to be sold by the Patent Office as before.

CORRIGENDA

(1)

In the Gazette of India, Part III, Section 2, dated 2nd April 1977 under the heading 'COMPLETE SPECIFICATION ACCEPTED',

(1)

In page 322, Column 1, line 14, against No. 141635
for No. 130632 read 130631

(2)

After page No. 322
for page No. 223 read 323.

(3)

In the existing page 223, Column 1, line 4, against No. 141641

for 'DUSTING' read 'DE-DUSTING'
127 GI/77

(4)

In page 324, Column 2, line 2, against No. 141646
for 361k 23/00 read A61k 23/00

(5)

In page 324, Column 2, against No. 141647
delete lines 8 and 9

(6)

In page 325, Column 1, line 9, against No. 141649
for 'LAUGUD DELVOPATTAM' read LAGUD (2)
DALVOYPATTAM

(7)

In page 325, Column 2, line 11, against No. 141651
for 'JAWAHAR NAGAR' read 'ALL OF JAWAHAR
NAGAR'

(8)

In page 326, Column 1, line 2, against No. 141655
for E01d 19/00, 101d 21/00 read E01d 19/00, 21/00

(9)

In page 327, Column 1, line 2, against No. 141659
for H 1h 9/16 read H01h 9/16

(10)

In page 328, Column 1, line 11, against No. 141663
for 'KESAWAN' read 'KESAVAN' and in line 2
for 'UNITHAN' read 'UNNITHAN'

(11)

In page 328, Column 2, line 8, against No. 141666
for 'ND DR PREM' read 'AND PREM'

(12)

In page 329, Column 1, line 6, against No. 141668
for 15,KV read 15A, KV

(13)

In page 330, Column 1, line 9, against No. 141674
for filed April 8, 1974 read 'filed April 8, 1976'

(14)

In page 330, Column 2, line 1, against No. 141677
for '32E' read '35 E'

(15)

In page 333, Column 1, line 5, against No. 141690
for 'NOSSONVICH' read 'NOSSONOVICH'

(16)

In page 333, Column 2, under the heading 'PRINTED SPECIFICATION PUBLISHED'

In group 1, line 4
for 116405 read 116504.

(2)

In the Gazette of India, Part-III Section 2 dated the 2nd April, 1977, in page 334 column 2 under the heading "Renewal Fees paid".

For 115727 read 115927

(3)

In the Gazette of India, Part III, Section 2, dated the 9th April 1977, under the heading 'COMPLETE SPECIFICATIONS ACCEPTED'

(1)

In page 342, Column 2, line 8, against No. 141698
for 'BERLING' read 'BERLIN'

(2)

In page 343, Column 1, line 3, against No. 141700
for 'TRANSPORTING' read 'TRANSLATING'

(3)

In page 346, Column 1, line 3, against No. 141708
for 9914 read 99/14

(4)

In page 347, Column 2, line 8, against No. 141713
for 'CZECHOSLOVAGIA' read 'CZECHOSLOVAKIA'

(5)

In page 348, Column 1, line 6, against No. 141716
for 'PROSTAGLANDINGS' read 'PROSTAGLANDINS'

(6)

In page 350, Column 1, line 3, against No. 141725
for 'DATA TRASFER' read 'DATA TRANSFER'

(7)

In page 351, Column 2, line 5, against No. 141731
for 'ZEME TO M-PHENYLEME' read 'ZENE TO M-PHENYLENE'

(8)

In page 352, Column 2, line 6, against No. 141736
for 'ALGONGUIN' read 'ALGONQUIN'

(9)

In page 353, Column 1, line 5, against No. 141738
for 'COLVAY' read 'SOLVAY'

(10)

In page 353, Column 1, line 1, against No. 141739
for CLASS '146,D' read CLASS '146D1'

(11)

In page 354, Column 1, line 8, against No. 141742
for 'EHILERS' read 'EHLERS'

(12)

In page 354, Column 1, line 7 and 9, against No. 141743
for 'AIFRED' read 'ALFRED'

and

for 'RUDOIF' read 'RUDOLF'

(13)

In page 354, Column 2, line 1, against No. 141744
for 'CEIMER' read 'CELMER'

and in line 4

for 'AAD' read AND and

for 'ENDWARD' read 'EDWARD'

(14)

In page 356, Column 1, line 2, against No. 141752
for 5/28 read 5/48

(15)

In page 356, Column 2, against No. 141753—
Insert 'Int. Cl.-H01h 9/02' below CLASS—

(4)

In the Gazette of India, Part-III, Section-2, dated the 9th April 1977 in page 358 under the heading "Registration of Designs" in column 1, class 3 for 124537 read 144537. In column 2, in respect of Design Nos. 144875 and 144876 for Class 11 read Class 10.

(5)

In the Gazette of India, Part III, Section 2, dated the 16th April 1977, under the heading 'COMPLETE SPECIFICATIONS ACCEPTED'

(1)

In page 363, Column 1, line 4, against No. 141766
for 'THEREOF' read 'THEREFOR'

(2)

In page 366, Column 1, line 1, against No. 141780
for '62 & C₁' read 62C₁

(3)

In page 366, Column 2, line 4, against No. 141783
for 'CULADAIVEL' read 'CULANDAIVEL'

(6)

In the Gazette of India, Part III, Section 2 dated 16th April 1977 in page 370, column 1 under the heading "Amendment Proceedings under Section 57" under item (2) for "Du Pont De Nemours & Company" read "E I Du Pont De Nemours & Company",

In the Gazette of India, Part III, Section 2 dated 23rd April 1977 :

- (1) Page 396, column 1 under the heading "Amendment Proceedings under Section 57" under item (5) for "Snam Projectti S.p.A." read "Snam Progetti S.p.A."
- (2) Page 398, column 1 under the heading "Restoration Proceedings" under item (14) in line 3 for "Patent No. 134333" read "Patent No. 134334".

In the Gazette of India, Part III, Section 2 dated 30th April 1977 :

- (1) Page 417, column 2, under the heading "Patents Sealed in line 1 for "13924" read "139424" and in line 3 for "137979" read "139779".
- (2) Page 418, column 1 under the heading "Amendment Proceedings under Section 57" under item (3) in line 2 for "ASEA Afttiebolag read "ASEA Aktiebolag".

(7)

In the Gazette of India, Part-III, Section-2, dated the 16th April 1977 in page No. 371, column 1, in respect of Design Nos. 144891 and 144893 under the heading "Registration of Designs" for 0th Floor read 4th Floor.

(8)

In the Gazette of India, Part III, Section 2, dated the 23rd April 1977, under the heading 'COMPLETE SPECIFICATIONS ACCEPTED'

(1)

In page 374, Column 1, line 11—
for January 1977 read February 1977

(2)

In page 377, Column 2, line 5, against No. 141799
for VIRKMASCHINENBAU read WIRKMASCHINEN-
BAU

(3)

In page 378, Column 1, line 1, against No. 141801
for '32F_c' read '32F_e'

(4)

In page 378, Column 1, line 1, against No. 141802
for 102B & C 135 read 102 B & C & 135
and in line 3 and 4

delete 'OF ENERGY STORED IN THE WAVE-MOTION
OR HEAVING'

(5)

In page 378, Column 2, line 2, against No. 141803
for 23_p 3/00 read B 23_p 3/00

(6)

In page 379, Column 1, line 12, against No. 141807
for Patent Office, Calcutta read Patent Office, Delhi
Branch.

(7)

In page 379, Column 2, line 2, against No. 141808
for B02_t 5/02 read E02_t 5/02

(8)

In page 379, Column 2, line 2, against No. 141809
for 110 read 1/10

(9)

In page 386, Column 2, line 7, against No. 141826
for 'SIEGRFIED' read 'SIEGFRIED'

(10)

In page 388, Column 2, line 4, against No. 141834
for 'HOMOGENIS' read 'HOMOGENISING'

(11)

In page 389, Column 1, line 5, against No. 141835
for 'MORE MEMBERS' read 'MORE STIRRING MEM-
BERS'

(12)

In page 391, Column 2, line 10, against No. 141844
for 'CULIEN' read 'CULLEN'

(13)

In page 394, Column 1, line 5, against 141855
for 'WEAWING' read 'WEAVING'
and in line 9
for 'GREET' read "GEERT"

(14)

In page 394, Column 2, line 10, against No. 141857
for 'PTECZKO' read 'PIECZKO'

(15)

In page 395, Column 2, under the heading 'PRINTED SPE-
CIFICATIONS PUBLISHED'

In Group 1, line 1,

for 87482 read 87492

(9)

In the Gazette of India, Part-III, Section 2 dated the 23rd April, 1977 in page 396, Column 2 under the heading "Re-
newal Fees paid".

For 80821 read 80421

For 117886 read 117846

(10)

In the Gazette of India, Part-III, Section-2, dated the 30th April 1977 in page No. 419 in respect of Design No. 130168
under the heading "Registration of Designs".

For 13016 Read 130168.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed
under Section 135 of the Act.

19th May, 1977.

744/Cal/77. Eda (Overseas) Limited. An electric induction
drive assembly. [Divisional date June 19, 1974].

745/Cal/77. Inco Europe Limited (formerly known as Inter-
national Nickel Limited. Improvements in or rela-
ting to the production of hard, heat-resistant nickel-
base electrodeposits. (May 28, 1976).

746/Cal/77. Institut Neorganicheskoi Khimii I Elektrokhimii
Akademii Nauk Grunzinskoi SSR. Anode for
producing electrolytic manganese dioxide and meth-
od for manufacturing said anode.

747/Cal/77. Institut Neorganicheskoi Khimii I Elektrokhimii
Akademii Nauk Grunzinskoi SSR. Electrochemical
process for producing manganese dioxide.

20th May, 1977.

- 748/Cal/77. R. Dziejowski. Rigid assembly joint.
- 749/Cal/77. S. N. Kinariwala. Drop wires for use in mechanical warp stop motion.
- 750/Cal/77. S. N. Kinariwala. Drop wires for use in mechanical warp stop motion.
- 751/Cal/77. S. N. Kinariwala. Serrated holder.
- 752/Cal/77. Metallurgical & Engineering Consultants (India) Limited. Improved coke oven battery.
- 753/Cal/77. Metallurgical & Engineering Consultants (India) Limited. Improved checker bricks for use in regenerator chambers of coke ovens.
- 754/Cal/77. Metallurgical & Engineering Consultants (India) Limited. Improved coke oven brick work.
- 755/Cal/77. Metallurgical & Engineering Consultants (India) Limited. Improved coke oven and construction.
- 756/Cal/77. Metallurgical & Engineering Consultants (India) Limited. Twin isolating and reversing cocks for controlling gas flow into the heating system of coke oven battery.
- 757/Cal/77. Metallurgical & Engineering Consultants (India) Limited. Improved producer gas generator.
- 758/Cal/77. Metallurgical & Engineering Consultants (India) Limited. Machine for reversing in predetermined sequence the direction of flow of fuel gases, waste gases and air in coke oven batteries.
- 759/Cal/77. Modular Distribution Systems Limited. Lifting and lowering device for handling goods containers. (May 21, 1976).
- 760/Cal/77. J. Martin and F. Derome. Solar panel and method for making same.
- 761/Cal/77. Girling Limited. Improvements in disc brake assemblies. (May 26, 1976).
- 762/Cal/77. Cabot Corporation. Production of carbon blacks.
- 763/Cal/77. Dana Corporation. Differential Mechanism.

21st May, 1977.

- 764/Cal/77. M. L. Gulati. A device to divert railway trains from one track to another.
- 765/Cal/77. K. K. Namitkov, (2) A. A. Kharisov, (3) I. V. Matsa (4) O. M. Tochilin and A. N. Bulgakov. Circuit protection fuse.
- 766/Cal/77. Alcan Research and Development Limited. Improved process for the production of aluminium. (May 28, 1976).
- 767/Cal/77. The Tata Iron and Steel Company Limited. Improvements in or relating to method of making powder for dry magnetic particle inspection.

23rd May, 1977.

- 768/Cal/77. Narendra Mohan Bhuyan and Dr. Ing. R. Gerlach. Apparatus and process for gasification of fuels by using liquid slag as heat transfer medium.
- 769/Cal/77. The Steelastic Company. Apparatus and method for edging reinforced elastomeric stock.
- 770/Cal/77. Fratelli Marzoli & C. S.P.A. Spinning and twisting device.
- 771/Cal/77. Hoechst Aktiengesellschaft. Method for the quantitative analysis of Al-C- and Al-H- bonds in hydrocarbons.

24th May, 1977.

- 772/Cal/77. Schlegel (UK) Limited. Container door seal. (May 12, 1977).
- 773/Cal/77. Siemens Aktiengesellschaft. Semiconductor devices.
- 774/Cal/77. Siemens Aktiengesellschaft. Electrical switchgear.
- 775/Cal/77. R. P. Eitel. Optical instrument and viewing method.
- 776/Cal/77. Lal Mohan Roy and Asim Kumar Mitra. Improvements in or relating to weft winding machines.
- 777/Cal/77. Schubert & Salzer Maschinenfabrik Aktiengesellschaft. Apparatus for opening and mixing bales of fibres.
- 778/Cal/77. Ultra Centrifuge Nederland N.V. System comprising a rotatable rotor installed in a housing.
- 779/Cal/77. Ultra Centrifuge Nederland N.V. Installation provided with a hollow rotor.
- 780/Cal/77. Pandrol Limited. A railway sleeper and a railway rail-and-fastening assembly employing it. (May 27, 1976).
- 781/Cal/77. Acrofall Mills Limited. Reversible pivoted bearing.

25th May, 1977.

- 782/Cal/77. N. B. Mehta. A self-inking rubber stamp.
- 783/Cal/77. Amal Bikash Mukherjee and Indian Institute of Technology. A method of preparation of glass from the volcanic rocks of W. Rajasthan.
- 784/Cal/77. F. E. Gusmer. Method of preparing closed cell phenol-aldehyde foam and the closed cell foam thus prepared.
- 785/Cal/77. Subrat Chatterjee. Sandwich-non return valve.
- 786/Cal/77. Gulf Oil Corporation. Combating weeds in soybeans.
- 787/Cal/77. Allegheny Ludlum Industries, Inc. Silicon steel and processing therefor.
- 788/Cal/77. Allegheny Ludlum Industries, Inc. Processing for high permeability silicon steel.
- 789/Cal/77. Allegheny Ludlum Industries, Inc. Silicon steel and processing therefor.
- 790/Cal/77. Allegheny Ludlum Industries, Inc. Processing for cube-on-edge oriented silicon steel.
- 791/Cal/77. Allegheny Ludlum Industries, Inc. Processing for cube-on-edge oriented silicon steel.
- 792/Cal/77. Allegheny Ludlum Industries, Inc. Silicon steel and processing therefor.
- 793/Cal/77. Dorr-Oliver Incorporated. System method for electric dewatering of solids suspension.

APPLICATION FOR PATENTS FILED AT THE (BOMBAY BRANCH)

25th April, 1977.

- 148/Bom/77. Besterna Chemicals. Improvements in or relating to filtering mediums or 'candles' used in water filters.
- 149/Bom/77. P. S. Borade. A mechanical appliance for plugging a tag.
- 150/Bom/77. H. R. Vakil. A urine-collection bag.

28th April, 1977.

- 151/Bom/77. Hindustan Lever Limited. Preparation of citrenolol.

29th April, 1977.

- 152/Bom/77. The Director, I.I.T. Bombay, (2) Mr. K. Munshi (3) Mr. U. A. Athavankar and Mr. B. Bhaumik, Domestic Electric geyser.

30th April, 1977.

- 153/Bom/77. R. C. Jaitha. A belt buckle.
154/Bom/77. Y. S. Barve. STD preventor for telephone.

2nd May, 1977.

- 155/Bom/77. J. J. Patel. An anaerobic digester heated with solar heat and stirred simultaneously.
156/Bom/77. H. G. Bhat. A pulping machine for pulping fibrous materials, wood chips or like cellulosic materials.

4th May, 1977.

- 157/Bom/77. Kirloskar Oil Engines Limited. Improvements in or relating to dual fuel internal combustion engine.

5th May, 1977.

- 158/Bom/77. P. L. Chakradeo and S. G. Kulkarni. Improved system of display by digital and or alphabetical indicator.
159/Bom/77. P. S. Sawhney. A tension testing device.
160/Bom/77. P. S. Sawhney. Form-work and process of pre-casting mini size marble tiles.
161/Bom/77. P. S. Sawhney. Process of constructing walls with precast concrete plates.
162/Bom/77. A. V. Miranda. A device for dispensing sealing means and a printed label simultaneously on containers carton and the like.

7th May, 1977.

- 163/Bom/77. P. J. Padshah. A frictional damping unit for a wheel suspension system of vehicles.
164/Bom/77. P. J. Padshah. A door closing device.

APPLICATION FOR PATENTS FILED AT THE (MADRAS BRANCH)

10th May, 1977.

- 85/Mas/77. M. Varghese. The manufacturing of wall tiles and roofing panels.

11th May, 1977

- 86/Mas/77. C. Arjuna Raja. Holder for telephone receiver and telephone carrier with holder attachment.
87/Mas/77. Pulary Industries. Concealed hinge.
88/Mas/77. M. Verghese. A fixing component and method.

13th May, 1977.

- 89/Mas/77. G. Sidhardhan. The manufacture of a box type shaving razor with provision to hold all soap lather and preventing it from dripping down and enabling a continuous shave and also another provision to trim hair using an ordinary standard double edges razor blade.

17th May, 1977.

- 90/Mas/77. V. A. Haja Mohideen. Screw cap with ball bearing for air tight bottling.

21st May, 1977.

- 91/Mas/77. R. B. Menen. Improvements in internal combustion engines.

ALTERATION OF DATE

142323. }
903/Cal/76. } Ante-dated 20th August, 1975.

COMPLETE SPECIFICATIONS ACCEPTED

Notice is hereby given that any person interested in the opposing the grant of patents on any of the applications concerned, may at any time within four months of the date of this issue or within such further period not exceeding 1 month applied for on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months given notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15 of such opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 35 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification respectively".

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Shankar Ray Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India) Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with the photo copies of the drawings, if any can be supplied by the Patent Office Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 32A₁ & F₂d & 62B.

142301.

Int. Cl.-C09b 29/00, 31/00, 33/00, 35/00.

PROCESS FOR PREPARING AZO COMPOUNDS CONTAINING SULPHONIC ACID GROUPS.

Applicant: SANDOZ LTD., OF LICHTSTRASSE 35, BASLE, SWITZERLAND.

Inventor: HEINZ WICKI.

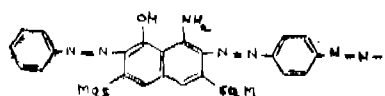
Application No. 2077/Cal/74 filed September 18, 1974.

Convention date September 20, 1973/(44116/73) U.K.

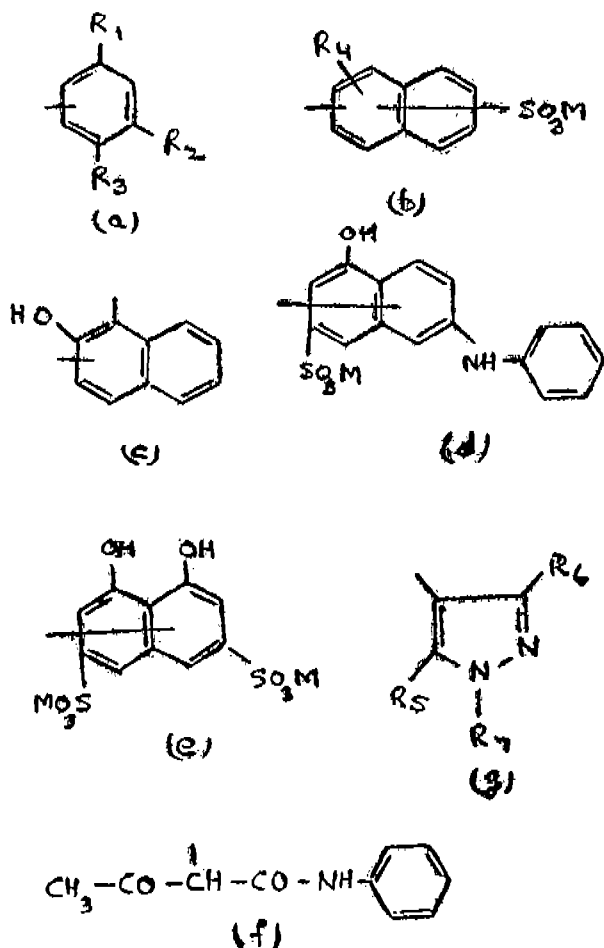
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

22 Claims.

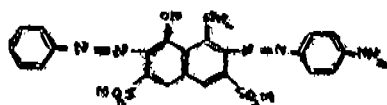
A process for the production of a compound of formula I.



in which R signifies a radical of formula (a), (b), (c), (d), (e), (f) or (g).



in which R_1 signifies an amino, anilino or toluidino radical, R_2 signifies a hydroxy or amino radical, and either R_3 signifies hydrogen, or, wherein R_1 and R_2 signify amino, R_3 signifies hydrogen, nitro, $-\text{SO}_3\text{M}$ or C_{1-6} alkyl; in which R_4 signifies a hydroxy, amino, anilino or toluidino radical, in which R_5 signifies a hydroxy radical, a C_{1-6} alkylsulphonyloxy radical, a phenylsulphonyloxy radical, an amino radical, a C_{1-6} alkylsulphonylamino radical or a phenylsulphonylamino radical, R_6 signifies a C_{1-6} alkyl, C_{1-6} alkoxy, acetyl, carboxyl or carbamoyl radical R_7 signifies an acyl radical, or an unsubstituted or substituted C_{1-6} alkyl, phenyl or naphthyl radical, and M signifies hydrogen or an equivalent of a cation, comprising coupling a diazo derivative of the compound of formula II.



with one or more coupling components of formula
H—R

in which R and M are as defined above whereby a compound of formula I or mixtures thereof are obtained.

CLASS 70B.

142302.

Int. Cl.-B02k 3/04, 3/06.

ELECTROLYTIC CELLS.

Applicant: IMPERIAL CHEMICAL INDUSTRIES LIMITED, OF IMPERIAL CHEMICAL HOUSE, MILBANK, LONDON, S.W.1., ENGLAND.

Inventors: ALAN BRIAN EMSLEY AND FREDERICK SPRUCE.

Application No. 2115/Cal/74 filed September 23, 1974.

Convention date September 24, 1973/(44682/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

43 Claims.

A electrolytic cell comprising an anode, a cathode and a diaphragm separating the anode and the cathode wherein the anode presents to the cathode a plurality of parallel elongated members carrying on at least part of their surfaces an electrocatalytically active coating and wherein said elongated members are rigidly mounted in the cell so that a substantial portion of said active surfaces is six millimetres or less from the cathode.

CLASS 32F.b.

142303.

Int. Cl.-C07c 51/16, 51/20.

METHOD FOR PREPARING A DIMETHYLTEREPHTHALATE BY OXIDATION OF P-XYLENE AND METHYL P-TOLUYLATE.

Applicant: INSTYTUT CIEZKIEJ SYNTEZY ORGANICZNEJ "BLACHOWNIA", W KEDZIERZYNIE, POLAND.

Inventors: ZOFIA POKORSKA, RENATA FISZER, HENRYK BOEBEL AND KAZIMIERZ SZALANSKI.

Application No. 2119/Cal/74 filed September 23, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims. No drawings.

A method for preparing a dimethylterephthalate by oxidation of p-xylene and methyl p-toluyate used in the pure form or as a p-toluyester fraction, said oxidation leading to a p-toluic acid, terephthalic acid and monomethyl ester of terephthalic acid, esterification with methanol of the mixture obtained leading to a methyl p-toluyate and dimethyl-terephthalate, separation of these esters by distillation and recycling of methyl p-toluyate to oxidation and purification of dimethylterephthalate by crystallization and distillation, and the oxidizing process is conducted at a weight ratio of p-xylene to methyl p-toluyate of 1:1-3 by means of air at a temperature of 120-165°C under a pressure of 10 atm in the presence of a catalyst, wherein a system composed of organic salts of cobalt, manganese and nickel is used as a catalyst of the oxidizing process, said system is activated by a semi-oxidized mixture originating from the mother oxidizing reaction of p-xylene and methyl p-toluyate in an amount of at least 0.5 per cent by weight in relation to the amount used of cobalt, manganese and nickel, and a weight ratio of ions of catalyst metals, i.e. cobalt, manganese and nickel, is from 0.001 to 50 parts by weight of manganese and from 0.0002 to 10 parts by weight of nickel per 1 part by weight of cobalt, and a concentration of cobalt in the reaction mixture is of 0.001—0.1 per cent by weight, a concentration of manganese in the reaction mixture is of 0.0001—0.05 per cent by weight, and a concentration of nickel in the reaction mixture is of 0.00002—0.01 per cent by weight.

CLASS 9E & F &12D.

142304.

Int. Cl.-C04b 29/00, C22c 27/00.

PROCESS FOR PREPARING SUPERHARD MATERIAL CONTAINING DIAMOND GRAINS.

Applicant: INSTITUT SVERKHTVERDYKH MATERIALOV AKADEMII NAUK UKRAINSKOI SSR, ULITS A VTOZAVODSKAYA, 2, KIEV, USSR.

Inventors: VALENTIN NIKOLAEVICH BAKUL (2) IVAN FEDOROVICH VOVCHANOVSKY AND NEKHEMIAN VENIAMINOVICH TSYPIN.

Application No. 2120/Cal/74 filed September 23, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims. No drawings.

A process for preparing superhard material used for making cutting tools comprising sintering at high temperature and pressure a mixture of base material of a known hard alloy and diamond grains, characterised by that the said hard base material having a hardness over 55 HRA thoroughly mixed with diamond grains in an amount of not less than 25 per cent by volume of the material and being less than 0.8 mm in grain size and that the rate of destruction of diamond does not exceed one per cent by weight.

CLASS 172C₁.

142305.

Int. Cl.-D01g 14/84.

METHOD OF MANUFACTURING AN ARCuate CARD-CLOTHED ELEMENT AND AN ELEMENT MANUFACTURED THEREBY.

Applicant : THE ENGLISH CARD CLOTHING COMPANY LIMITED, OF ACRE STREET, LINDLEY, Huddersfield, in the County of York, England.

Inventors : GRAHAM RHODES BOOTH, JOHN SAMUEL SMITH AND MALCOLM CLAYTON.

Application No. 2231/Cal/74 filed October 4, 1974.

Convention date October 4, 1973/(46295/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

23 Claims.

A method of manufacturing an arcuate card-clothed element comprising winding card-clothing strips around a cylindrical former so that the strips are laid side-by-side, with the teeth projecting on the inside concave side of the card-clothing; bonding a sustaining element to the convex outside of the card-clothing whilst the card-clothing is on the former, and severing the card-clothing along lines axial of the former on each side of the sustaining element.

CLASS 172C₁.

142306.

Int. Cl.-D01g 15/84.

IMPROVEMENTS IN OR RELATING TO CARD CLOTHING AND A METHOD OF MANUFACTURING CARD CLOTHING.

Applicant : THE ENGLISH CARD CLOTHING COMPANY LIMITED, OF ACRE STREET, LINDLEY, Huddersfield in the County York, England.

Inventors : KEITH GRIMSHAW AND JOSEPH BROADBENT SMITH.

Application No. 2232/Cal/74 filed October 4, 1974.

Convention date October 4, 1973/(46296/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

A method of manufacturing card-clothing, comprising the steps of fitting wires into a foundation so that the wires project a distance of between 0.050 inches and 0.090 inches above the top surface of the foundation and then hardening the tips of the wires where they project above the top surface of the foundation by heat treatment.

CLASS 56D.

142307.

Int. Cl.-B01d 1/06, 1/22.

A DEVICE FOR CONCENTRATION OF UREA FORMALDEHYDE RESINS.

Applicant : NUCHEM PLASTICS LIMITED, OF 20/6, MILESTONE, MATHURA ROAD, FARIDABAD, HARYANA-121002, INDIA.

Inventors : DR. AJIT SINGH AND AMIR CHAND SOOD.

Application No. 2257/Cal/74 filed October 8, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

6 Claims.

An apparatus for concentration of urea formaldehyde resin comprising a column having an outlet and inlet, said outlet connected to a receptacle for receiving the concentrated resin, said inlet adapted to receive the resin to be concentrated, heating means provided with said column for raising the temperature of the resin when flowing within said column, a stirrer or agitator provided within said column and means provided with said column for applying vacuum thereto.

CLASS 151.

142308.

Int. Cl.-F161 11/04, F16d 3/00.

PLASTICS PIPE SYSTEM.

Applicant : WAVIN B. V. OF 251, HANDELLAAN, ZWOLLE, THE NETHERLANDS.

Inventor : WARNER JAN DE PUTTER.

Application No. 2273/Cal/74 filed October 10, 1974.

Convention date March 1, 1974/(9473/74) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A synthetic plastics pipe provided on its inner and/or its outer surface with a continuous coating of thermosetting resin adhering firmly thereto, said coating of thermosetting resin incorporating electrically conductive particles rendering the coating electrically conductive.

CLASS 14A₁ & D₁.

142309.

Int. Cl.-H01m 1/00.

CONTAINERS FOR AUTOMOBILE BATTERIES.

Applicant & Inventor : NANUBHAI TRIKAMAJI KOTHARI OF 111, CHITTA RANJAN AVENUE, CALCUTTA-12, STATE OF WEST BENGAL, INDIA.

Application No. 2316/Cal/74 filed October 19, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

An automobile battery having multiple compartments characterised in that the battery is formed by grouping plurality of individual compartments together and wherein each such compartment is formed of a plastic material.

CLASS 172C₁.

142310.

Int. Cl.-D01g 23/06.

IMPROVEMENTS IN OR RELATING TO APPARATUS FOR THE PROCESSING OF SLIVERS IN CARDING ENGINES.

Applicant : CROSROL LIMITED, OF PELLON LANE WORKS, HALIFAX, YORKSHIRE, ENGLAND.

Inventor : JOHN MAXIMILLIAN JULES VARGA.

Application No. 2467/Cal/74 filed November 8, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

18 Claims.

A carding engine having spaced pairs of drafting rollers, means for feeding a web of material to one of said pairs of drafting rollers positioned upstream of said one pair of rollers with respect to the direction of web movement and between said one pair of rollers and said carding engine, measuring rolls downstream of the last pair of drafting rollers, a gauging element for condensing the web, said gauging element being removably mounted adjacent the nips of said measuring rolls and said last pair of drafting rolls, said gauging element closely fitting in the space between said last pair of drafting rollers and said measuring rolls; and means for positively locating said gauging element between said last pair of drafting rollers and said measuring rolls.

CLASS 61H.

142311.

Int. Cl.-B65h 71/00.

PROCESS AND DEVICE FOR DRYING SYNTHETIC FIBROUS MATERIAL.

Applicant: HOECHST AKTIENGESellschaft, OF 6230 FRANKFURT/MAIN 80, FEDERAL REPUBLIC OF GERMANY.

Inventor: ERICH FEES.

Application No. 2472/Cal/74 filed November 8, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A continuous process for drying a textile material made from hydrophobic fibers, which comprises bringing the hydrophobic textile material to be dried into contact with an absorbent hydrophilic fibre material, squeezing liquid from both materials in contact and maintaining both materials in contact after squeezing over some length.

CLASS 85J & 88D.

142312.

Ina. Cl.-E04f 17/02.

FLUE GAS COLLECTOR MAIN ON REGENERATIVELY HEATED COKE-OVENS.

Applicant: DR. C. OTTO & COMP. GMBH., OF BOCHUM, WEST GERMANY.

Inventors: WOLFGANG FRAENZER AND HANS JOACHIM ADAMUS.

Application No. 2482/Cal/74 filed November 11, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

In a coke oven installation, a flue gas collector which extends along a battery of coke ovens and to which regenerators are connected by changeover valves, said flue gas collector comprising a base, crown and side walls formed from reinforced concrete, apertures in said flue gas collector and socket pipes fitted therein adapted to receive the discharge ends of outlet pipes leading from said changeover valves, and insulating material lining the interior wall surfaces of said base, crown and side walls and between the inlet ends of said socket pipes and said discharge ends of the outlet pipes, the nature and thickness of said insulating material being such that said reinforced concrete at no time during oven operation exceeds a temperature of 100°C.

CLASS 146C.

142313.

Int. Cl.-G01b 5/00.

AN APPARATUS FOR MEASURING THE MAXIMUM PORE-RADIUS OF FILTER-MEDIA TREATED WITH PHENOL FORMALDEHYDE RESINS.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-1, INDIA.

Inventors: ASOK MAJUMDAR, SUBRATA RANJAN GHOSH, BANI PRASAD CHALIHA, UMAPADA CHOUDHURY, AND SIRIPURAPU KONDALA RAO.

Application No. 2506/Cal/74 filed November 14, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

2 Claims

An apparatus for measurement of maximum pore-size of phenol-formaldehyde treated filter papers comprising a gripping device for holding the filter paper and surmounting liquid without any leakage, an air displacement vessel connected to the gripping device and provided with an arrangement for receiving water into it, thereby displacing air under pressure to the gripping device and a monometer connected between the gripping device and air displacement vessel for measurement of pressure differential.

CLASS 32F_{2a}.

142314.

Int. Cl.-C07c 87/50.

IMPROVEMENTS IN OR RELATING TO THE ELECTROLYTIC REDUCTION OF 2, 4 DINITROTOLUENE TO 2, 4 DIAMINO TOLUENE.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-1, INDIA.

Inventors: DR. HANDADY VENKATAKRISHNA UDUPA AND SRI PAYYALLUR NARAYANAN ANANTHARAMAN.

Application No. 170/Cal/75 filed January 29, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

2 Claims. No drawings.

A process which comprises in electrolytically reducing a suspension of 2, 4 dinitro toluene to 2, 4 diamino toluene in a supporting electrolyte of mineral acid preferably sulphuric acid upto a concentration of 25% (V/V) using stationary or rotating electrode of copper and employing titanous or titanous sulphate as addition agent preferably upto a concentration of 10 g TiO₂ per litre of catholyte and using current densities ranging from 0.25 A/dm² and temperature 70-80°C.

CLASS 55E.

142315.

Int. Cl.-A61k 27/00.

A METHOD OF PREPARING A PHARMACEUTICAL COMPOSITION FOR THE TREATMENT OF CANCER.

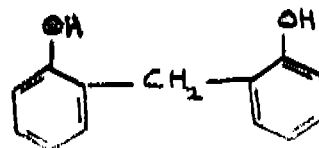
Applicant & Inventor: HECTOR CHAHIN SIMON, AT SUR 29 NO. 225, ORIZABA VERACRUZ, MEXICO.

Application No. 428/Cal/75 filed March 5, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A method of preparing a pharmaceutical composition for use in the treatment of cancer in humans characterized in dissolving a small but effective amount of friedelan-3-one in a physiologically acceptable solution to produce a concentration ranging from 0.01 to 0.4% by weight, the resulting solution being combined with small but effective amounts of chlorophyll and a phenol formaldehyde condensation product of the formula shown in Fig. (I).



CLASS 32F,d & 55E₁ & E₂.

142316.

Int. Cl.-C07c 169/34.

PROCESS FOR THE MANUFACTURE OF PROGESTERONE FROM DIOSGENIN.*Applicant*: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.*Inventors*: CHAND KUMAR ATAL, POTUKUCHI RAMACHANDRA RAO, KASHMIRI LAL HANDA, SUNIL KUMAR BANERJEE, BISHAN DATT GUPTA, RAJINDER KUMAR SAHDEV AND KARPAL DATT SHARMA.

Application No. 698/Cal/75 filed April 7, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

5 Claims. No drawings.

A process for obtaining progesterone from diosgenin by converting diosgenin into pseudodiosgenin diacetate which is then oxidised to 16-dehydro-pregnenolone acetate (16-DPA), which is hydrogenated catalytically to pregnenolone acetate which on hydrolysis followed by oppenauer oxidation yields progesterone characterised in that (a) diosgenin is converted to pseudodiosgenin diacetate by refluxing the former with pyridine hydrochloride in acetic anhydride, (b) pseudodiosgenin diacetate is then treated with sodium dischromate in acetic acid solution at 10-20° followed by heating the mixture to yield 16-dehydro-pregnenolone acetate (16-DPA), (c) 16-DPA is then hydrogenated to pregnenolone acetate (PA) in pyridine solution at ca atmospheric pressure in the presence of palladium-on-calcium carbonate catalyst containing 1.2 per cent palladium, (d) PA is then hydrolysed to pregnenolone with 1 per cent caustic soda solution, and (e) finally pregnenolone is heated with aluminium *t*-butoxide in acetone benzene mixture according to Oppenauer to yield progesterone.

CLASS 40H.

142317.

Int. Cl.-B01d 53/14.

METHOD OF REMOVING AN ACIDIC GAS SUCH AS CO₂ AND/OR H₂S FROM A GASEOUS MIXTURE CONTAINING SAME.*Applicant & Inventor*: GIUSEPPE GIAMMARCO AND PAOLO GIAMMARCO, BOTE OF PALAZZO MOROLIN, S. MARCO N. 3242, VENEZIA, ITALY.

Application No. 1071/Cal/75 filed May 27, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims.

Method of removing an acidic gas essentially consisting of CO₂ and or H₂S from a gaseous mixture containing same, comprising an absorption stage in which the gaseous mixture is contacted with an aqueous absorbing solution containing an alkali metal carbonate and an amino-acid, and a regeneration stage in which the acidic gas absorbed by the solution is expelled from the latter, characterized in that a major proportion of the acidic gas contained in the gaseous mixture is removed in a first absorption zone of said absorption stage operating at a temperature of 90°-130°C, and the remaining, minor proportion of said acidic gas is removed in a subsequent second absorption zone operating at a temperature of 50°-85°C.

CLASS 32F,d & 55E₁.

142318.

Int. Cl.-C07d 57/04, 57/08.

METHOD FOR THE PREPARATION OF VINCAMINE.*Applicant*: BUSKINE S.A., OF 20, RUE DE ROMONT, FRIBOURG, SWITZERLAND.*Inventor*: IDA TACCONE.

Application No. 1466/Cal/75 filed July 25, 1975.

2-127GI/77

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A method for the preparation of vincamine starting from tabersonine or vincadifformine, characterized in that the starting compound, as a solution in a polar solvent, is added, in the ratio of 1:1 to 1:5 by weight of the starting alkaloid to an inorganic or organic salt, soluble in the reaction medium, of a metal selected among Cu, Fe and Co, said metal being at the highest valence state thereof, the reaction being carried out in the presence of oxygen, at a temperature of between 10 and 50°C and for at time of between 5 and 15 days.

CLASS 32E & 152E.

142319.

Int. Cl.-C08g 9/30, 37/24.

PROCESS FOR PREPARING PLASTICIZER FOR "MELAMINE-FORMALDEHYDE RESIN CONTAINING 2-(2-AMINOETHOXY) ETHANOL".*Applicant*: FORMICA CORPORATION, OF 120 EAST FOURTH STREET, CINCINNATI, STATE OF OHIO, UNITED STATES OF AMERICA.*Inventor*: ELMER PAUL BLASING, JR.

Application No. 2583/Cal/74 filed November 20, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims. No drawings.

Process for preparing a plasticizer for melamine-formaldehyde resin containing 2-(2-aminoethoxy) ethanol comprising reacting at least one mole of formaldehyde per mole with melamine and from 0.005 to 0.5 mole of 2-(2-aminoethoxy) ethanol per mole of melamine.

CLASS 128G.

142320.

Int. Cl.-A61b 5/02, 7/00.

JUGULAR VENOUS PRESSURE GAUGE.*Applicant & Inventor*: DR. JAGJIT SINGH CHOPRA, 15/9J, MEDICAL COLLEGE, ROHTAK (INDIA).

Application No. 1122/Cal/75 filed June 5, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

3 Claims.

A jugular venous pressure gauge comprises a novel assembly of a basal plane bearing a spirit level, a vertical rod bearing a measuring scale and a set of two horizontal rods capable of one sliding along the other and both horizontal rods capable of sliding together along the vertical rod: the upper margin of the horizontal rod reads (on the scale) the vertical distance between the lower surface of the basal plane and the outer end of one of the horizontal rods.

CLASS 32F,b & 55E₂ & E₁.

142321.

Int. Cl.-C07d 99/16.

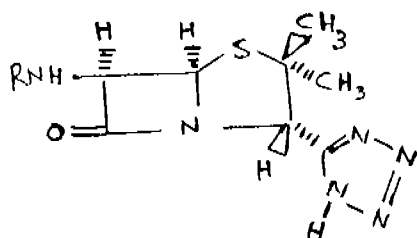
PROCESS FOR THE PRODUCTION OF 6-[N-PROTECTED AMINO]-2, 2-DIMETHYL-3-(5-TETRAZOLYL) PENAMCOMPOUNDS.*Applicant*: PFIZER INC., OF 235 EAST 42ND STREET, NEW YORK, NEW YORK, UNITED STATES OF AMERICA.*Inventor*: DONALD ERNEST KUHLA.

Application No. 1623/Cal/75 filed August 20, 1975.

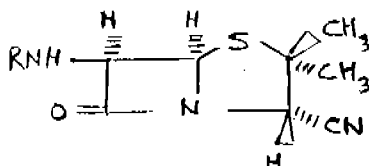
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A process for the production of a 6-amino-2, 2-di-methyl-3-(5-tetrazolyl) penam compound of Formula V.



wherein R is hydrogen or an amino-protecting group which comprises reacting a compound of Formula VI.



wherein R is an amino protection group with an azide ion in a reaction inert solvent in the presence of acid and optionally removing the amino-protecting group by treatment of the 6-(N-protected amino)-2, 2-dimethyl-3-(5-tetrazolyl) penam compound with an acidic reagent.

CLASS 32F.b.

142322.

Int. Cl.-C07d 99/16, 99/24.

A PROCESS FOR THE PREPARATION OF NEW REACTIVE PENICILLANIC ACID AND CEPHALOSPORNIC ACID DERIVATIVES.

Applicant: CHINOIN GYOGYSZER ES VEGYESZETI TERMEKEK GYARA ET., OF TO-UTCA, 1-5, BUDAPEST-IV, HUNGARY.

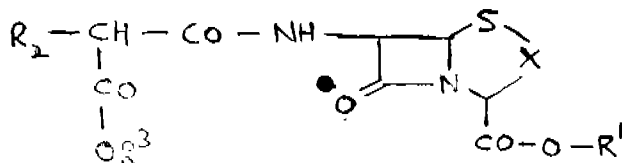
Inventors: DR. MAGDA HUHN, DR. GABOR SZABO, GABOR RESOFSZKI AND DR. EVA SOMFAI.

Application No. 1653/Cal/75 filed August 26, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

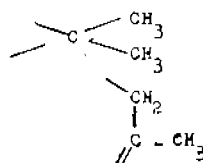
11 Claims.

Process for the preparation of an acid amide having the general formula I.

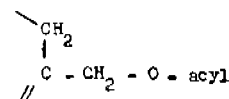


or a salt thereof, wherein R¹ stands for hydrogen or an easily removable ester-forming or salt group, preferably a trialkylamine, trialkylsilyl, trichloroethyl, acetoxymethyl, phenacyl, substituted phenacyl, substituted phenyl or benzyl group. R² stands for hydrogen, alkyl group, alkenyl group, alkyl group, having an aryl heterocyclic/preferably furyl or thienyl/substituent, aryl group having an alkyl substituent/preferably xylyl, or an aryl, aralkyl or heterocyclic group/preferably a phenyl, thienyl or furyl group/having optionally one or more substituent/s, R³ stands for hydrogen, or an optionally substituted

aryl, alkyl, cycloalkyl or aralkyl group, and X stands for a group of the formula A or B.



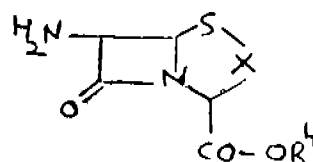
Formula A.



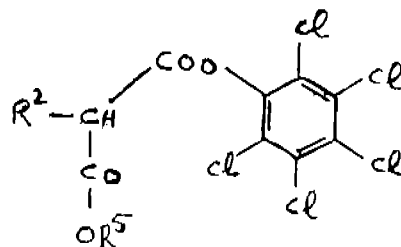
Formula B.

by acylating a compound of the general formula II/.

Formula II.



wherein X has the same meanings as defined above and R⁴ is an easily removable ester-forming group, preferably a trialkylamino, trialkylsilyl, trichloroethyl, acetoxymethyl, phenacyl, substituted phenacyl, substituted phenyl or benzyl group, or a salt formed preferably with an alkali metal or a trialkylamine, in which the acylation is performed using an ester of the general formula III.



wherein R² has the same meanings as defined above and R¹ stands for an optionally substituted aryl, alkyl, cycloalkyl or aralkyl group, and if desired, substituent/s R¹ and/or R² of the obtained product is/are split off by hydrolysis and/or, if desired, the obtained product is converted into its salt or a salt is converted into the free acid.

CLASS 32F.b & 55E_a & E_b.

142323.

Int. Cl.-C07d 99/16.

A PROCESS FOR THE PRODUCTION OF 3-CYANO PENAMS.

Applicant: PFIZER INC. OF 235 EAST 42ND STREET, NEW YORK, STATE OF NEW YORK, UNITED STATES OF AMERICA.

Inventor: DONALD ERNEST KUHLE.

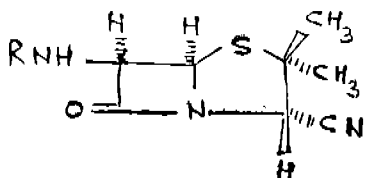
Application No. 903/Cal/76 filed May 24, 1976.

Division of Application No. 1623/Cal/75 filed August 20, 1975.

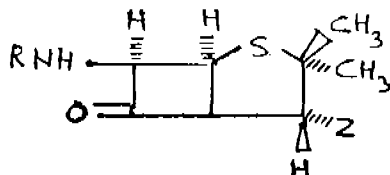
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A process for the production of a 3-cyano penam of formula III.



wherein R is a H or an amino protecting group; in which a 3-carbamyl penam of formula IB.



in which R* is R; Z is CONH₂; is subjected to dehydration in a manner known per se.

CLASS 40B & F. & 56E.

142324.

Int. Cl.-B01j 11/50, C07b 1/00, 3/00.

REACTIVATION OF MOLYBDENUM CONTAINING OXIDATION CATALYSTS IN FLUID-BED REACTORS.

Applicant: THE STANDARD OIL COMPANY, OF MIDLAND BUILDING, CLEVELAND, OHIO 44115, UNITED STATES OF AMERICA.

Inventors: JAMES LOUIS CALLAHAN, ARTHUR FRANCIS MILLER, AND WILFRIED GARSIDE SHAW.

Application No. 1799/Cal/74 filed August 12, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims. No drawings.

A process for the regeneration of a fluid-bed oxidation catalyst containing molybdenum which has become partially deactivated by loss of molybdenum which comprises contacting the oxidation catalyst with fluid-bed particles consisting of an essentially inert support containing molybdenum such as herein before described.

CLASS 32C.

142325.

Int. Cl.-C07g 15/00, 7/00, A61k 17/00.

A METHOD FOR THE PURIFICATION OF HCG OF LOW OR RELATIVELY LOW PURITY.

Applicant: DIRECTOR GENERAL, INDIAN COUNCIL OF MEDICAL RESEARCH, ANSARI NAGAR, NEW DELHI-110016, INDIA.

Inventors: DR. ANIL RAMANBHAI SHETH AND DR. SHANTA SAVOOR SRIVIVASA RAO.

Application No. 2227/Cal/74 filed October 4, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

8. Claims. No drawings.

A method for the purification of HCG of low or relatively low purity which comprises suspending or dispersing the HCG to be purified in a HCG solubilizing solution made of a buffer (i.e. sodium acetate) and alcohol, adjusting the pH to be acidine, recovering the precipitated HCG matter, and treating the supernatant with alcohol, centrifuging any precipitated material and recovering the highly purified HCG from the supernatant by lyophilization.

CLASS 32Faa & 140Aa.

142326.

Int. Cl.-C07c 161/00, C08K, 1/20, 1/40, 1/54, 1/60,

C10H, 1/08, 1/14, 3/08.

PROCESS FOR PREPARING PHOSPHORUS, NITROGEN AND SULFO-CONTAINING LUBRICANT ADDITIVES.

Applicant: THE LUBRIZOL CORPORATION, BOX 17100 EUCLID STATION CLEVELAND, OHIO 44117, U.S.A.

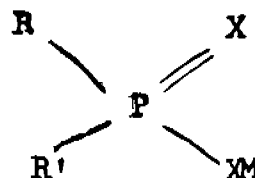
Inventor: WILLIAM MONROE LEQUER.

Application No. 2698/Cal/74 filed December 5, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

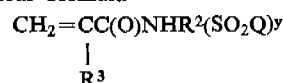
10 Claims.

A process for preparing a sulfur-, nitrogen- and phosphorus-containing lubricant additive which comprises reacting (A) one or more phosphorus compounds of the formula I.

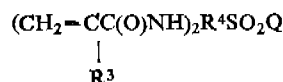


wherein each X is independently oxygen or divalent sulfur, M is hydrogen, an equivalent of a metal or ammonium cation, R is hydrogen or a hydrocarbyl, hydrocarbyloxy, or hydrocarbyl mercapto group of about one to about thirty carbon atoms, and R' is XM or R, with the proviso that the total number of carbon atoms in both R and R' is at least two, with

(B) one or more sulfo- and nitrogen- containing compounds of the general formula



OR



wherein y is one or two, each R² is independently hydrogen or lower alkyl group of one to seven carbon atoms, R³ is di- or trivalent hydrocarbyl group having one to eighteen carbon atoms, R⁴ is a trivalent hydrocarbyl group having one to eighteen carbon atoms, and Q is selected from the group consisting of -OH, -OR³, -OM, -O(Alkylene-O)_n R³, -N(R³)₂, -NR³ (Alkylene-NR³)_n R³, -ON(R³)₂, and -ONR³-(Alkylene-NR³)_n -R³, wherein n has an average value of about one to about ten, M is as defined in (A), the alkylene group has from one to ten carbon atoms, and R³ is as defined above.

CLASS 69A & G.

142327.

Int. Cl.-H01h 21/00.

LOCKING DEVICE HAVING LOW CONTROL POWER FOR AN ELECTRICAL DEVICE.

Applicant: UNELEC, OF 38, AVENUE KLEBER, 75784 PARIS CEDEX 16, FRANCE.

Inventor: JEAN HENNEMANN.

Application No. 2823/Cal/74 filed December 21, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

Locking device having low control power for an electrical device, comprising, between the locked part and the locking control element, a locking assembly, characterized in that the said assembly is formed by a rotating bearing and at least one coaxial disk respectively in rolling contact at their periphery with the said locked part and with a rest surface and in that the said assembly is installed floating on the said control element.

CLASS 47E & 139A.

142328.

Int. Cl.-C09c 1/44, C10g C10b.

A REACTOR OVEN AND A METHOD FOR PRODUCTION OF CARBON BLACK.

Applicant & Inventor: ROGER MOREL, OF 3, RUE D'AUMAIE, 750009, PARIS (9EME), FRANCE.

Application No. 814/Cal/75 filed April 22, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

18 Claims.

A reactor oven with a combustion chamber, useful for the production of carbon black by reacting a cracking hydrocarbon with combustion gases, characterized by having at least two chambers adopted to be run through in succession by the combustion gases, with their axes of circulation set at an angle with each other, with an inlet provided through the lateral wall of the oven for introducing therein a cracking hydrocarbon along the direction followed by the combustion gases along said downstream chamber.

CLASS 206E.

142329.

Int. Cl.-H03k 17/56.

IMPROVEMENTS IN OR RELATING TO TRANSISTOR SWITCHING NET WORKS.

Applicant: SIEMENS AKTIENGESSELLSCHAFT, OF BERLIN AND MUNICH, GERMAN FEDERAL REPUBLIC.

Inventor: KLAUS BOSHOLD.

Application No. 830/Cal/75 filed April 25, 1975.

Convention date December 5, 1974/(52572/74) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

A transistor switching network in which a common input terminal is connected to a plurality of output terminals via respective output arms, each comprising a two-stage a.c. signal amplifier with a first transistor in a common base input stage and a second transistor in a common collector output stage, the emitter-collector path of said first and second transistors being connected in a series d.c. path between two supply voltage terminals, whilst the base of each said first transistor is connected via a respective choke to the emitter of a further common collector transistor stage that is common for all output arms in said net work, said further common collector stage serving to maintain the potential at the base of each said first transistor substantially constant, and a respective control terminal being connected to the collector of each said second transistor.

CLASS 47B.

142330.

Int. Cl.-C10j 3/00, 3/20.

PROCESS AND APPARATUS FOR THE GASIFICATION OF OIL.

Applicant: SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ D.V., OF CAREL VAN BYLANDTLAAN 30, THE HAGUE, THE NETHERLANDS.

Inventor: GEORGE VAN OS.

Application No. 1218/Cal/75 filed June 19, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A process for the gasification of oil containing finely dispersed solids by partial oxidation with a gaseous oxidant containing free oxygen in a hollow reactor, characterized in that the gaseous oxidant is introduced into the reactor under flow conditions meeting

$$\frac{V_{ax}}{V_{tan}} > 3, \text{ where } V_{ax}$$

is the axial component of the velocity and V_{tan} the tangential component of the velocity.

CLASS 126A.

142331.

Int. Cl.-G01b 7/00, 7/34, G01n 25/00, 27/00.

IMPROVEMENTS IN OR RELATING TO NON-DESTRUCTIVE TESTING APPARATUS.

Applicant: BRITISH STEEL CORPORATION, OF 33 GROSVENOR PLACE, LONDON, S.W.1., ENGLAND.

Inventor: CLIVE JAMES ARTHUR BOSWORTH.

Application No. 1904/Cal/75 filed October 3, 1975.

Convention date October 13, 1974/(44642/74) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

Non-destructive testing apparatus for testing a hot article including a testing assembly comprising a testing coil device, a container for the testing coil device, the container being liquid filled and provided with liquid cooling channels in walls thereof, and the container being provided with a metal facing plate for facing to the article to be tested.

CLASS 32F.a.

142332.

Int. Cl.-C07c 43/02.

METHOD FOR THE PREPARATION OF ETHERS.

Applicant: SNAMPROGETTI S.P.A., OF CORSO VENEZIA 16, MILAN, ITALY.

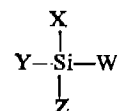
Inventors: VITTORIO FATTORE, GIOVANNI MANARA AND BRUNO NOTARI.

Application No. 2132/Cal/75 filed November 7, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A method for the preparation of ethers using aliphatic alcohols as the starting materials comprising the step of contacting the aliphatic alcohol concerned with a catalyst formed by active alumina modified by reaction with a silicon compound selected among those having the general formula:



wherein X, Y, Z and W can be -R, -OR, -Cl, -Br, SiH₃, -COOR, -SiHnCl_{3-n}, R being hydrogen an alkyl, cycloalkyl, aryl, alkylaromatic or alkyl-cycloalkyl radical having from 1 to 30 carbon atoms, such as methyl, ethyl, isopropyl, n-propyl, n-butyl, isobutyl, cyclohexyl, cyclopentyl, phenyl, phenylcyclohexyl, alkylphenyl, n and m being integers comprised between 1 and 3.

CLASS 90B.

142333.

Int. Cl.-C03b 9/00.

GLASSWARE FORMING MACHINE OF THE I.S. TYPE FOR UPRIGHT PRESS AND BLOW PROCESS.

Applicant: EMHART INDUSTRIES, INC., AT 426 COLT HIGHWAY, FARMINGTON, CONNECTICUT, UNITED STATES OF AMERICA.

Inventor: SELMA SCHINDLER ROWE.

Application No. 19/Cal/76 filed January 2, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A glassware forming machine comprising: (a) a blank mold station having an upwardly open blank mold cavity defining structure for receiving the gobbs of glass to be formed, (b) partible neck ring mold structures for mating with said blank mold cavity defining structure at said blank station, (c) parison neck forming means for insertion downwardly into the closed neck ring molds at said blank station, (d) a final blow station horizontally spaced from said blank station and having upwardly open blow mold cavity defining structure for receiving the partially formed parisons from said blank station, and (e) means for transferring said parisons from said blank station to said blow station said means including a neck ring arm associated with each partible neck ring mold structure and means for pivotally moving said arms so that said closed neck ring mold structures transfer the parison from said blank to said blow station while keeping the parison in an upright orientation.

CLASS 171.

142334.

Int. Cl.-G02c 5/00, 13/00.

A CAPSULE FOR THE STERILIZATION AND STORAGE OF SOFT CONTACT LENSES.

Applicant: WARNER-LAMBERT COMPANY, OF 201 TABOR ROAD, MORRIS PLAINS, NEW JERSEY 07950, UNITED STATES OF AMERICA.

Inventor: FREDERICK LUCIUS PERSONS.

Application No. 441/Cal/76 filed March 11, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A capsule for soft contact lenses which comprise: a hollow, cylindrical body of sufficient diameter to receive a pair of contact lenses. A removable closure means for attachment to one end of the hollow body and a sealing means positioned within said closure means which abuts said body to form a water proof seal when the closure means is attached to the body; A second removable closure means for attachment to the other end of the hollow body and having at least one passageway extending therethrough and terminating at its outer end and in an annular truncated conical groove.

CLASS 68D & 69A.

142335.

Int. Cl.-M05c 1/06, H01h 83/00.

AN ELECTRICAL SHOCK PREVENTION DEVICE.

Applicant & Inventor: BINDU GANDHI, D-24, DEFENCE COLONY, NEW DELHI-110024 INDIA.

Application No. 488/Cal/76 filed March 19, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

7 Claims.

An electrical shock prevention device adapted to disconnect a load from a power source comprising a power supply circuit adapted to be connected to a power source, a control circuit connected to said power supply circuit, said load connected to

the power supply through said control circuit, a switching circuit connected to said control circuit, said switching circuit responsive to the load and such as to actuate the control circuit characterized in that said switching circuit comprises a regenerative switch.

CLASS 72A & 72C.

142336.

Int. Cl.-C06b 15/00.

STABILIZED, FOAMED WATER GEL EXPLOSIVES.

Applicant: CANADIAN INDUSTRIES LIMITED, OF 630 DORCHESTER BOULEVARD WEST, MONTREAL, H3C 2R3, PROVINCE OF QUEBEC, CANADA.

Inventor: JEAN PAUL RICHARD.

Application No. 722/Cal/76 filed April 26, 1976.

Convention date May 8, 1975/(19381/75) U.K.

Addition to No. 279/Cal/75.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims. No drawings.

A thickened and cross-linked, foamed water-bearing explosive composition devoid of any self-explosive sensitizer and detonable in diameters greater than 5.1 cm comprising essentially water, at least one inorganic oxygen-supplying salt, a thickener, a thickener cross-linker such as herein described and entrapped gas bubbles, characterized in that the composition also contains a gas bubble stabilizer such as herein described which stabilizer comprises a combination of a foaming surfactant and a stabilizing surfactant and which gas bubble stabilizer is present in a quantity of between 0.1% and 10% by weight of the total explosive composition.

CLASS 32F.

142337.

Int. Cl.-C07c 87/54.

PROCESS FOR THE PREPARATION OF 4-NITRO-2-TRIFLUOROMETHYLDIPHENYLAMINES.

Applicant: ELI LILLY AND COMPANY, AT 307 EAST MCCARTY STREET, CITY OF INDIANAPOLIS, STATE OF INDIANA, UNITED STATES OF AMERICA.

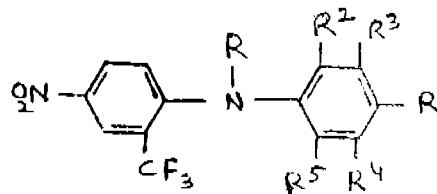
Inventor: ALERT JAMES CLINTON.

Application No. 1467/Cal/76 filed August 12, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A process for preparing diphenylamine compounds of the formula I.



wherein R represents methyl or ethyl; R¹ represents hydrogen, fluoro, chloro, bromo, iodo, cyano, methyl, nitro or trifluoromethyl; R² and R³ independently represent hydrogen, fluoro, chloro, bromo, nitro, methyl or trifluoromethyl, provided that no more than one of R² and R³ represents nitro; R⁴ and R⁵ independently represent hydrogen, methyl, fluoro, chloro, bromo or trifluoromethyl; provided that

(a) no more than one of R¹, R², R³, R⁴ and R⁵ represents methyl, except that R² and R³ may both represent methyl;

(b) when R¹, R², R³, R⁴ and R⁵ represents methyl or fluoro, two or three of R¹, R² and R³ represent hydrogen, chloro or bromo;

(c) no more than one of R^1 , R^2 , R^3 , R^4 and R^5 represents trifluoromethyl, except that R^2 and R^5 may both represent trifluoromethyl;

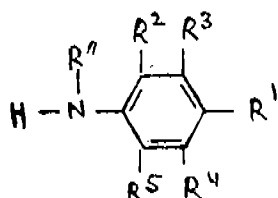
(d) when R^2 or R^5 represents trifluoromethyl, R^1 represents hydrogen, chloro or bromo;

(e) when one and only one of R^2 and R^5 represent trifluoromethyl, two or three of R^1 , R^3 and R^4 represent hydrogen, chloro or bromo;

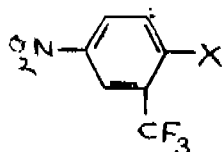
(f) two fluorine atoms are not adjacent to each other;

(g) when R^2 or R^5 represents nitro, R^1 represents hydrogen, chloro, bromo or nitro;

(h) when R^1 , R^2 , R^3 , R^4 or R^5 represents trifluoromethyl, none of R^1 , R^2 , R^3 , R^4 and R^5 represents fluoro or methyl; characterized by reacting an aniline compound of the formula II.



wherein R^1 , R^2 , R^3 , R^4 and R^5 are as designed above, and R'' is hydrogen, methyl or ethyl, with a 2-halo-5-nitro benzotrifluoride compound of the formula III.



wherein X is halo; followed by alkylating by known method the compound so obtained wherein R'' is hydrogen.

CLASS 29A.

142338.

Int. Cl.-F15c 1/04.

MATERIAL FLOWRATE MONITORING SYSTEM.

Applicant: CROFTSHAW (ENGINEERS) LTD., OF ACTON WORKS, BULL LANE, LONG MELFORD, SUFFOLK, ENGLAND.

Inventors: PERCY WILLIAM WHITE, AND FRANK WILLIAM BATLEY.

Application No. 256/Cal/74 filed February 7, 1974.

Convention date February 7, 1973/(5983/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

18 Claims.

A system for monitoring the rate at which material dispersed in a fluid stream passes through a given region which system comprises:

(a) fluid flowrate measurement means for measuring the rate of flow of the fluid past a fixed point in the given region, and for providing an output proportional thereto;

(b) material concentration measurement means for measuring at a fixed point in the given region the concentration of the material in the fluid stream passing through the given region, and for providing an output proportional thereto; and

(c) operatively connected to the outputs from the fluid flowrate measurement means and the material concentration measurement means, a device for multiplying together electrical signals derived from said outputs and a voltage-to-frequency converter for converting said multiplied signals to a pulsed constant amplitude signal, the frequency of the pulses being proportional to the mass flow rate of material.

CLASS 170A.

142339.

Int. Cl.-C02b 1/18, 9/02.

PROCESS FOR THE PREPARATION OF A COMPOSITION FOR FORMING HYDROCARBONS OR FATS INTO BIODEGRADABLE EMULSIONS.

Applicant: BANQUE POUR L'EXPANSION INDUSTRIELLE "BANEXI", OF 1, BOULEVARD HAUSSMANN, PARIS 9EME, FRANCE.

Inventor: PIERRE FUSEY.

Application No. 1086/Cal/74 filed May 18, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims. No drawings.

A process for the preparation of a composition for forming hydrocarbons or fats into biodegradable emulsion characterised in that it comprises admixing more than one mole of a carboxylic acid with a mole of a primary or secondary aliphatic amine or primary or secondary aliphatic amino-alcohol, neutralizing the mixture by the addition of ammonia to bring the pH to 7, and finally adding to 22.5 to 40 parts by weight of the neutralized mixture 2.5 to 5 parts by weight of a phospho-aminolipid and 55 to 75 parts by weight of a benzenic traction-free petroleum solvent.

CLASS 107G.

142340.

Int. Cl.-F02m 31/08.

A METHOD AND MEANS FOR PRE-HEATING THE INTAKE AIR OF A SUPERCHARGED, LOW-COMPRESSION RATIO DIESEL ENGINE.

Applicant: SOCIETE D'ETUDES DE MACHINES THERMIQUES, OF 2, QUAI DE SEINE, 93202 SAINT DENIS, FRANCE.

Inventor: FRANCIS CHARRON.

Application No. 1679/Cal/74 filed July 27, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

24 Claims.

A method for pre-heating the intake air of a supercharged low-compression ratio Diesel engine when said engine operates under low-load conditions, characterized by the steps of

- sensing the temperature of the intake air
- taking off some heat, required for said pre-heating and dependant from said temperature as sensed, from exhaust gases of the engine itself, and
- conveying said heat and giving the same to at least one portion of said intake air.

CLASS 40F.

142341.

Int. Cl.-B01d 9/02.

TEREPHTHALIC ACID RECOVERY BY CONTINUOUS FLAST CRYSTALLIZATION.

Applicant: STANDARD OIL COMPANY, OF 200 EAST RANDOLPH DRIVE, CHICAGO, ILLINOIS, U.S.A.

Inventor: JAY ARNOLD FISHER.

Application No. 1669/Cal/74 filed July 26, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims. No drawings.

For the recovery of crystalline terephthalic acid product having a maximum p-toluic acid content not exceeding 150 ppm from a liquid aqueous solution substantially saturated with terephthalic acid containing 500—6,000 ppm of p-toluic acid at a temperature in a range of 40° to 55°F, the improved process comprising continuously charging such aqueous solu-

tion to the first of two or more series connected solvent evaporation and stirred crystallization zones each operated at a successively lower temperature wherein at least the zones operated at a temperature within and below the range of 360—320°F. crystallize decreasing proportions of originally dissolved terephthalic acid, the evaporated solvent is removed from each zone and the temperature of recovery of terephthalic acid product is the same as the temperature of the last zone.

CLASS 69L. 142342.

Int. Cl.-G05g 1/00, H01h 3/00.

FOOT OPERATED CONTROLS.

Applicant: THE LUCAS ELECTRICAL COMPANY LIMITED, OF WELL STREET, BIRMINGHAM, ENGLAND.

Inventor: PETER WATSON LEIGHTON.

Application No. 13936/Cal/74 filed August 23, 1974.

Convention date October 9, 1973/(47063/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A foot operated control comprising a rigid plate-like component which in use accepts operating pressure applied by a foot of an operator, a cover member carried by said component, the cover member being movable at least in part relative to said component, and a switching unit carried by said control and operated by relative movement between the cover member and said component, said switching unit including an element formed from an electrically insulating, resilient material containing electrically conductive particles which are brought into contact to define conductive paths through the element when the element is compressed beyond a predetermined amount.

CLASS 50A & 179E. 142343.

Int. Cl.-F17c 3/08, B67b 1/06.

A VACUUM FLASK.

Applicant & Inventor: VASUDEO RAMCHANDRA BHIDE, C/O, D-24, DEFENCE COLONY, (LINK ROAD), NEW DELHI-110024, INDIA.

Application No. 1974/Cal/74 filed September 3, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

3 Claims.

A vacuum flask in which between the neck of the flask and the portion of the flask below the neck there is provided an inwardly projecting flange which flange has a sloping face above it in the neck portion and in the neck of the flask above the sloping face are formed threads, said threads and the flange being integrally formed with the flask and there is provided a stopper having a threaded plug, a sloping face below it and a stem so that the threaded portion of the stopper engages the threads in the neck, the sloping face of the stopper mates with the sloping face in the neck below the threads and the stem of the stopper engages the opening within the flange thus providing an effective sealing of the flask.

CLASS 12B. 142344.

Int. Cl.-C23c 11/08.

A PROCESS OF MAKING HYDRIDED MAGNESIUM ALLOYS.

Applicant: MAGNESIUM ELEKTRON LIMITED OF LUMN'S LANE, CLIFTON JUNCTION, SWINTON, MANCHESTER, M27 2LS, GREAT BRITAIN.

Inventors: WILLIAM UNSWORTH AND GORDON ARTHUR FOWLER.

Application No. 2049/Cal/74 filed September 13, 1974.

Convention date September 13, 1973/(43032/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A process of making hydrided magnesium alloys, containing at least 80% by weight of magnesium, which process comprises exposing the alloy at an elevated temperature, a temperature sufficiently high to allow diffusion into the alloy, to an atmosphere containing hydrogen and water vapour, the proportion of water vapour in the atmosphere being reduced during said exposure.

CLASS 24D. 142345.

Int. Cl.-B60t 15/00.

BRAKE PRESSURE CONTROL VALVES.

Applicant: GIRLING LIMITED, OF KINGS ROAD, TYSELEY, BIRMINGHAM 11, ENGLAND.

Inventor: GLYN PHILLIP REGINALD FARR.

Application No. 2074/Cal/74 filed September 18, 1974.

Convention date September 19, 1973/(44026/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A brake pressure control valve comprising a load responsive member including a stepped piston structure having an internal passage normally permitting communication between an inlet and an outlet of the valve, one end of the passage being constituted by a radial bore whose outer end constitutes a valve seat, a valve member in the form of a ball cooperating with the valve seat and mounted in a retaining member which permits limited displacement of the valve ball with the piston structure, the load responsive member being arranged to be subjected, in use, on the one hand to a variable external control load tending to hold the valve set open and applied to a stem portion of the piston structure, and on the other hand to an opposing net hydraulic thrust arising when hydraulic pressure is passed to the inlet of the valve while the valve set is open, the piston structure being movable, upon failure of the external control force, to a position in which the valve member is held against closing engagement with the seat by the retaining member.

CLASS 42A & 143D. 142346.

Int. Cl.-B65b 19/02, 19/20.

HIGH SPEED CIGARETTE PACKETING MACHINE.

Applicant: G. D. SOCIETA' PER AZIONI, OF VIA POMPONIA 10, BOLOGNA, ITALY.

Inventor: SERAGNOLI ENZO.

Application No. 2156/Cal/74 filed September 26, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A high speed cigarette packeting machines with a number of wheels or wrapping heads of a type operating in capstan fashion, provided with multiple radial peripheral compartments, placed in alignment in series and working in conjunction with folding devices and gripper members connected thereto for transferring in succession individual batches of cigarettes from one wheel or wrapping head to the next wheel or wrapping head, as well as movable plate members for inserting in between the batch of cigarettes being processed and the relevant wrapping material, the said plate members serving as rigid

support pressure members for each folding device to form the wrap or packet of cigarettes, means being provided to operate the said gripping/transfer members and the support pressure plates for the said folding devices synchronously with one another and with the wheels or wrapping heads.

CLASS 61G & 97F.

142347.

Int. Cl.-F26b 7/00, 20/00.

PROCESS AND APPARATUS FOR SEASONING WOOD.

Applicant & Inventor: EDWARD KOPPELMAN, AT 4424, BERGAMO DRIVE, ENCINO, CALIFORNIA, UNITED STATES OF AMERICA.

Application No. 2197/Cal/74 filed September 20, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

21 Claims.

A process for drying unseasoned wood comprising the steps of placing the wood to be dried in an enclosed space, evacuating the gaseous substances from said enclosed space and imposing a subatmospheric pressure on said wood, applying a non-discharging alternating electric potential across the wood between electrodes disposed within the enclosed space and maintained in fixed relationship to the wood while the electric potential is applied to effect a dielectric heating of the wood and the moisture entrapped within the interior thereof by an electrically-created field to a temperature at which the water volatilizes at the prevailing subatmospheric pressure present in the enclosed space, continuing the addition of heat to the wood at an input rate substantially equal to the latent heat of vaporization of the water being evaporated and maintaining the subatmospheric pressure within said enclosed space until the water content of the wood attains the desired level, and thereafter removing the dried wood from the enclosed space.

CLASS 70C.

142348.

Int. Cl.-C22d 1/00.

A PROCESS FOR THE EXTRACTION OF GALLIUM FROM SODIUM ALUMINATE LIQUORS (BAYER LIQUOR) OBTAINABLE FROM ALUMINA PRODUCING PLANTS.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJI MARG, NEW DELHI-1, INDIA.

Inventors: RENGACHARIAR SRINIVASAN, GAJAVALLI NAGARAJARAO SRINIVASAN ALAGAPPILLAI VARADHARAJ, JAINULABDEEN AMEER MOHAIDEEN ABDUL KADER.

Application No. 2433/Cal/74 filed November 6, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

3 Claims. No drawings.

A process for extraction for gallium from sodium aluminate liquors (Bayer liquor) obtainable from alumina producing plants which consists in electrolysis of sodium aluminate liquor containing approximately 200-300 mg of gallium/litre together with 300-400 g/l of sodium hydroxide and a vanadium content of less than 20 mg/l using a nickel plated mild steel as anode and sodium amalgam with about 0.5% sodium as cathode and is characterised in that the cathodic current density is 1.6 to 2 A/dm².

CLASS 119D

142349.

Int. Cl.-D03d 47/04.

METHOD OF WEAVING ON SHUTTLELESS LOOMS AND LOOM FOR PERFORMING SAID METHOD.

Applicant: ADRIANO GARDELLA S.P.A., OF 11, PIAZZA DELLA VITTORIA, GENOVA, ITALY.

Inventor: ADRIANO GARDELLA.

Application No. 2527/Cal/74 filed November 15, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims.

A method of weaving on a shuttleless loom, comprising weaving in the same loom two separate fabrics which come to lie side-by-side in the same plane, the two fabrics being formed by means of two weft thread inserters placed in front of each other at the opposite sides of one single warp, and which, at every forward and reverse run, each insert a two fold weft, that is to say a doubled up weft thread, which weft thread extends over a fraction of the width of the warp, while a distinct selvedge made up of a loop chain is formed on each one of the adjacent inner edges of both fabrics.

CLASS 62D.

142350.

Int. Cl.-D06p 5/02.

A COMPOSITION FOR AFTER-TREATMENT OF DYED TEXTILE MATERIALS.

Applicant: DIAMOND SHAMROCK CORPORATION, OF 1100 SUPERIOR AVENUE, CLEVELAND, OHIO, UNITED STATES OF AMERICA.

Inventors: NICK JOHN CHRISTIE, JOSEPH PAUL ANTISAVAGE AND EUGENE ECOLF BRUPBACHER.

Application No. 2684/Cal/74 filed December 4, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims. No drawings.

A composition for the after-treatment of dyed textile materials, which comprises a mixture of:

A. at least one member selected from the group consisting of alkali metal, zinc and ammonium hydrosulfites present in an amount of from about 14 to about 40 parts by weight based upon an assay value of 100%;

B. at least one amphoteric, anionic or nonionic detergent present in an amount of from about 0 to about 15 parts by weight;

C. at least one pH builder such as herein described present in an amount of from about 15 to about 30 parts by weight; and

D. at least one buffer such as herein described present in an amount of from about 15 to about 40 parts by weight.

CLASS 32E.

142351.

Int. Cl.-C08g 17/13.

A PROCESS FOR THE PREPARATION OF POLYCARBONATES.

Applicant: NUCHEM PLASTICS LIMITED, OF 20/6, MILESTONE, MATHURA ROAD, FARIDABAD-121002, HARYANA, INDIA.

Inventors: KRISHNA KUMAR JAIN, (2) KAILASH CHANDER KOCHHAR AND KANAYO HOTCHANDANI.

Application No. 2758/Cal/74 filed December 16, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

2 Claims. No drawings.

A process for the preparation of polycarbonates by reacting bisphenol with sodium hydroxide and phosgene in a solvent such as dichloromethane characterized in that said reaction is carried out in presence of trialkylamine catalyst which is used in conjunction with phenols or substituted phenol as end capping agent and wherein at least 0.01% by weight of said phenol or substituted phenol is added,

CLASS 55F & 182C.

142352.

Int. Cl.-C13k 9/00.

 α -GALACTOSIDASE PRODUCTION.

Applicant: NESTLE'S PRODUCTS LIMITED, A COMPANY INCORPORATED IN THE BAHAMAS, OF NESTLE HOUSE, COLLINS AVENUE, NASSAU, BAHAMAS.

Inventors: NICOLE ARNAUD AND DAVID ANTHONY BUSH.

Application No. 133/Cal/75 filed January 1975

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims. No drawings

A process for the production of α -galactosidase by culturing the mold *Penicillium dupontii* in an aqueous medium containing at least one sugar with at least one α -D-galactopyranosyl bond and collecting the mycelium thus obtained

CLASS 25B & 35E.

142353.

Int. Cl.-C04b 3510, 35/18.

PROCESS FOR THE MANUFACTURE OF IMPROVED SHAPED REFRACTORIES.

Applicant: DALMIA INSTITUTE OF SCIENTIFIC & INDUSTRIAL RESEARCH, OF RAJGANGPUR, DISTT-SUNDARGARH, ORISSA, INDIA.

Inventors: DR. JAJNYADATTA PANDA AND DR. ASHOK KUMAR TRIPATHY.

Application No. 244/Cal/75 filed February 11, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims. No drawings.

A process for the manufacture of improved shaped refractories which comprises adding 0.05 to 3 parts by wt. of a sintering agent consisting of a member selected from the group consisting of fluorspar, ammonium fluoride, sodium fluoride and aluminium fluoride to 100 parts by wt. of refractory material containing 25 to 98% Al_2O_3 , intimately mixing the ingredients with water, shaping the net mix into desired shapes and firing the shaped masses at a temperature of above $1200^\circ C$, preferably above $1300^\circ C$.

CLASS 29C & D & 206E.

142354.

Int. Cl.-G06f 13/00, 9/00.

A DATA STORAGE DEVICE.

Applicant: BURROUGHS CORPORATION, AT BURROUGHS PLACE, DETROIT, MICHIGAN 48232, UNITED STATES OF AMERICA.

Inventor: GODAVARISH PANIGRAHI.

Application No. 264/Cal/75 filed February 12, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims.

A data storage device comprising:

a plurality of shift registers wherein data bits are represented by packets of stored charge, each said register having an input end and an output end, said registers being stacked one next to the other and oriented and clocked such that each register shifts in a direction opposite that of the registers adjoining it; and

means selectively operable for interconnecting said registers for enabling downshifting each of said data bits through said registers and regenerating each of said data bits or upshifting each of said data bits through said registers and regenerating each of said data bits.

—127GI/77.

CLASS 172D.

142355.

Int. Cl.-D01h 13/16.

THREAD BRAKE FOR A DOUBLE TWISTING SPINDLE.

Applicant: PALITEX PROJECT-COMPANY GMBH, OF WEFERWEG 8, 415, KREFELD, WEST GERMANY.

Inventor: GUSTAV FRANZEN.

Application No. 535/Cal/75 filed March 18, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A thread brake for a double twisting spindle, said brake having a brake casing in which a thread duct is locally enlarged into a pocket or chamber, an upper sloping end face of which is formed to act as a plain or flat stationary braking surface sloping towards one side and surrounding a thread inlet aperture, of the thread duct, opening into the pocket or chamber, and the braking element of said brake comprising a brake member of ferro magnetic material covering the said thread inlet aperture, which brake member is, in use, angularly-movable, away from the stationary braking surface, about a pivotal axis or fulcrum located in the zone of an upper outer edge of said brake member by the force of the passing thread against the force of a magnet which is adjustable relative to the stationary braking surface, characterised by having a by pass channel communicating with the thread duct and located laterally beside a braking zone proper of the stationary braking surface, which by pass channel has an obliquely-extending thread deflection surface merging into the braking surface.

CLASS 39E.

142356.

Int. Cl.-C01b 21/08.

PROCESS FOR THE SEPARATION OF SODIUM AZIDE.

Applicant: CANADIAN INDUSTRIES LIMITED, OF 330 DORCHESTER BLVD. WEST, MONTREAL, PROVINCE OF QUEBEC, CANADA.

Inventors: PETER JOHN ASTRAUSKAS, GUY MICHEL BIONDIN, ROLAND PICARD, AND CARL FREDRIK RIGG.

Application No. 690/Cal/75 filed April 5, 1975.

Convention date April 24, 1974/(198, 458/74) CANADA.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

An improved process for the separation of basic alkali metal azide particles suspended in an alkali metal azide/liquid ammonia solution comprising the steps of bringing said suspension of basic alkali metal azide particles into contact with a non-reactive, immiscible mineral oil of density greater than the density of said solution, permitting said mineral oil and said solution to separate to form an interface whereby said suspended basic alkali metal azide particles traverse said interface and enter into suspension in the said mineral oil, separating said liquid ammonia/azide solution and said basic azide-containing mineral oil, and bringing said azide-containing mineral oil phase into contact with a water phase to form an oil/water interface and allowing said basic azide particles to traverse said interface and enter into solution in said water phase.

CLASS 128F

142357.

Int. Cl.-A61m 15/02.

A THERMOSTABILIZED ANAESTHESIA INHALER.

Applicant: DIRECTOR ALL INDIA INSTITUTE OF MEDICAL SCIENCES ANSARI NAGAR, NEW DELHI-16, INDIA.

Inventor : DR. GOVIND RAMCHANDRA GODE AND RAM SARUP THPAR.

Application No. 1210/Cal/75 filed June 18, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

8 Claims.

A thermostabilized analgesia inhaler comprising a housing having a chamber for the storage of a pain relieving agent, an inlet for the introduction of a carrier gas, said inlet being in communication with said chamber, a mixing chamber where the carrier gas mixes with the dilution or the vapours of the pain relieving agent, a regulator for regulating the admixture of the carrier gas with said agent, and at least two outlets for the discharge of the exhalatory air.

CLASS 83A₁ & 92D — J.

142358.

Int. Cl.-A231 1/18.

PROCESS FOR PRODUCING INSTANT-COOKING RICE.

Applicant : MOMOFUKU ANDO, OF 7-34, MASUMI-CHO, IKEDA, OSAKA, JAPAN.

Inventors : JUNIHCCHI MINAMI, MITSUMUNE TAKATSU, FUMIO OHNISHI AND SHIUNICHI KAWAMOTO.

Application No. 1645/Cal/75 filed August 25, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims. No drawings.

A process for preparing instant-cooking rice which comprises :

(i) adjusting the moisture content of rice to 20 to 35% preferably 30—34% by weight by soaking the rice in water or known seasoning liquid;

(ii) mixing the rice obtained at step (i), with surfactants such as glycerine, fatty acid esters, sugar esters, edible oil and talc;

(iii) gelatinizing the product of step (ii) by steaming or boiling at temperature of 100° to 140°C and pressure of 1.03 kg/cm² to 3.68 kg/cm²;

(iv) exposing the gelatinized rice of step (iii), to a temperature of 20 to 100°C;

(v) pressing the rice of step (iv), and adjusting the water content to 8 to 25% by weight; and

(vi) finally puffing the thus obtained rice by method as herein described.

CLASS 104P & 128F.

142359.

Int. Cl.-A61k 9/04, 15/00, 17/00, 19/00, 21/00. 5/00.

PROCESS FOR PRODUCING PHARMACEUTICAL PREPARATIONS CONTAINING SILICONE ELASTOMERS AND PHARMACOLOGICALLY ACTIVE SUBSTANCES.

Applicant : SCHERING AKTIENGESELLSCHAFT OF BERLIN AND BERGKAMEN 1 BERLIN 65 MUNIERS-TRASSE 170—178 FEDERAL REPUBLIC OF GERMANY.

Inventor : DR. GISELA SCHOPF IN.

Application No. 1660/Cal/75 filed August 27, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

34 Claims. No drawings.

A process for producing a pharmaceutical preparation which comprises combining a non-ionic and liquid-soluble pharmacologically active substance or a medicament such as herein described and an organo-poly-siloxane two-component moulding composition of the LTV-type (as herein defined) containing a silicone copolymer.

CLASS 164 A.

142360.

Int. Cl.-C02c 1/02, 5/10.

TREATMENT OF BIOLOGICALLY-DEGRADABLE MATERIAL.

Applicant : IMPERIAL CHEMICAL INDUSTRIES LIMITED, OF IMPERIAL CHEMICAL HOUSE, MILLBANK, LONDON, S.W.1., ENGLAND.

Inventors : MARTIN BAILEY, DAVID ALBERT HINES, JOHN CLARK OUSBY AND FRANK CORNELIUS ROESLER.

Application No. 1871/Cal/75 filed September 30, 1975.

Convention date: October 3, 1974/(42923/74) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims.

A process for the treatment of liquid carrying biologically degradable material in solution and/or suspension wherein an oxygen-containing gas (as hereinbefore defined) is introduced into the said liquid and a culture of microorganisms is maintained therein, the conditions being such that for a period at least part of the said liquid is subjected to a low DOT (as hereinbefore defined) and/or at least part of the said liquid is subjected to a high DOT, whereby the ratio of carbon dioxide to cellular material produced by the culture is increased during the process, the period of time during which any part of the said liquid is subjected to a low or high DOT being sufficiently short and there being also a period during which that part of the liquid is subjected to a DOT intermediate between low and high DOT such that the said microorganisms are not affected in such a way as to be substantially detrimental to their function in the treatment process.

CLASS 70A & 94G.

142361.

Int. Cl.-B01g 4/00.

ARRANGEMENT FOR FEEDING OF FINE BATCH IN ELECTRIC FURNACES HAVING SELF BACKING HOLLOW ELECTRODES.

Applicant : DEMAG AKTIENGESELLSCHAFT, OF WOLFGANG-REUTER-PLATZ, D-4100 DUISBURG, FEDERAL REPUBLIC OF GERMANY.

Inventors : HERIBERT KONIG AND HEINZ STARK.

Application No. 808/Cal/76 filed May 7, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

Feeding arrangement for fine batch material in electric furnaces with self-backing hollow electrodes, whose electrode sleeve shaft encloses axially an inner tube, whereby the outer electrodes sleeve shaft is made up of individual pipe pieces, which are used up with the burning off of the electrode and can be replaced by placing new pipe pieces, characterised thereby that, the inner tube (17) is suspended from a structure (23) carrying the feeding system (11 to 17), and the electrode sleeve shaft (19) and the electrode mass (32, 33) protrudes axially upto the lower part of the upper baking zone.

CLASS 83A₂.

142362.

Int. Cl.-A23c 23/00.

IMPROVEMENTS IN OR RELATING A METHOD OF SEPARATING THE SOLID CONTENTS KNOWN AS 'MASKA' OR 'CHAKKA' FROM CURD AND PREPARING A MILK BASED SWEET KNOWN AS 'SHRIKHAND', OUT OF THE SAID 'MASKA' OR 'CHAKKA'.

Applicants & Inventor : RAM PRAKASH ANEJA, RAJGHARIA MANSION, 11/1, RAWDON STREET, CITY OF CALCUTTA, STATE OF WEST BENGAL, INDIA. (2) MULVANTRA NANDLAL VYAS, D-4, NDDDB QUAR-

CITY OF ANAND, STATE OF GUJARAT, INDIA. (3) KARAN NANDA, 3066/8A/2, STREET NO. 22, RANJIT NAGAR, CITY OF NEW DELHI, UNION TERRITORY OF DELHI, INDIA AND VIJAY KUMAR THAREJA, 31 SHIVDAS NAGAR, MAKARPUR ROAD, CITY OF BARODA, STATE OF GUJARAT, INDIA.

Application No. 67/Cal/77 filed January 18, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

18 Claims. No drawings.

A method of separating the solid contents known as 'maska' or 'chakka' from curd, comprising the steps of heating milk to about 85° to 100°C (or upto boiling), cooling the milk to about 20° to 35°C inoculating the milk with a lactic culture to get a final acidity of upto 0.8 to 1.1% (expressed in terms of percentage by weight of lactic acid) in the resulting curd, heating curd upto about 25° to 30°C and then cooling it to about 4°C and separating the whey from the curd by treating the curd in a centrifuge.

CLASS 84A. 142363.

Int. Cl.-C10j 3/00, 5/00.

IMPROVEMENTS IN OR RELATING TO GOBAR GAS OR BIOGAS PLANT.

Applicant & Inventor: BIMAL CHANDRA BHATTACHARYA, OF 3/2, BRINDABAN MULLICK LANE, CALCUTTA-700009, WEST BENGAL, INDIA.

Application No. 265/Cal/77 filed February 23, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A gobar gas or biogas plant in which the characteristic features comprising fixed cylindrical gas chamber with sliding tray device for holding gas inside the chamber, in which the volume of gas may vary at reasonably constant preset pressure; the sliding tray does not come in contact with the slurry; and there is provision for introducing stirring arrangement to mix the slurry continuously or intermittently.

CLASS 187B. 142364.

Int. Cl.-H04m 1/00.

AN AUTOMATIC TELEPHONE DIALER.

Applicant & Inventor: PANKAJ HIRALAL PATEL, AT BANGLOW NO. 2, VASANT VIHAR SOCIETY NO. 2, BEHIND H. L. COLLEGE OF COMMERCE, HAVARANGPURA, AHMEDABAD-380009, GUJARAT STATE, INDIA.

Application No. 21/Bom/75 filed January 24, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

15 Claims.

An apparatus for automatically dialling a desired telephone number, out of a set of pre-selected and indexed numbers, comprising a conveyor type belt or like means of electrically non-conducting material adapted to travel on rollers or the like; a series of blocks of openings on said belt, each series representing a number to be dialled and each series comprising at least one but preferably a plurality of blocks, each block comprising a plurality of openings; the space between each successive block of a series and the sum of distance between each successive opening and the length of each opening in the block corresponding respectively to minimum interdigital time and to the time required for travel of a pulse; a selector-cum-sensor adapted to contact a live conductor, which may be roller itself under the conveyor belt, through the openings in the blocks of selected telephone number of the series, openings in each block of a series being open if the digit for that block is "0" or taped so as to leave as many openings open as is the digit number of that block; programming switch, start switch, stop switch, sensor and the relay being connected to input and the relay contacts to the output and the telephone set, as here-

indescribed so that on the conveyor being operated to travel, after timing hand set where necessary, the sensor picks the pulses on coming in contact with the conductor or live roller through the pre-programmed openings in each block and thus send said pulses through a selector relay system to a telephone exchange.

CLASS 136C. 142365.

Int. Cl.-B29d 23/04, H01b 13/24.

IMPROVEMENTS IN EXTRUSION APPARATUS.

Applicant: WILHELM HEGLER, OF GOETHE STRASSE 2, 813 BAD KISSINGEN, FEDERAL REPUBLIC OF GERMANY.

Inventor: RALPH PETER HEGLER.

Application No. 471/Cal/75 filed March 11, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

A crossfeed extruder head, comprising a die and a mandrel for extruding an outer tube about an inner tube or cable, particularly for highly viscous plastics materials, in which a stream of material for extruding the outer tube is introduced laterally and partially divided by a dividing edge of a flow divider, such that a U-cross-sectioned stream is formed, characterised in that the die consists of a carrier ring with a lateral connection for the material, said ring containing the flow divider, which latter is in the form of an element with a surface shape comprising an axially divided half of a cone, edges of which are extended by surfaces inclined to each other to meet in the dividing edge at the apex end of the cone.

CLASS 136C. 142366.

Int. Cl.-B29d 23/04, H01b 13/24.

EXTRUSION APPARATUS.

Applicant: WILHELM HEGLER, OF GOETHE STRASSE 2, 873 BAD KISSINGEN, FEDERAL REPUBLIC OF GERMANY.

Inventor: RALPH PETER HEGLER.

Application No. 472/Cal/75 filed March 11, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

Apparatus for the production of double-walled plastics tubes having a transversely corrugated outer wall and a cylindrical inner wall, comprising an extrusion die of forming the outer wall of said double-walled tube, a continuous mould cavity formed between co-operating mould halves having transverse internal grooves and forming two co-operating endless recirculating trains of mould halves which co-operate along part of their circulating paths to define the continuous mould cavity, a second inner extrusion die extending into the interior of the continuous mould cavity for forming the inner wall, a mandrel of this second die carrying a pressure exerting device for pressing the inner wall into contact with the inside of the outer wall, this pressure exerting device being so suspended on the mandrel extension as to be able to move freely in any direction in a plane normal to the extrusion axis.

CLASS 87-I. 142367.

Int. Cl.-A63h 3/22.

WALKING DOLL.

Applicant: HASBRO DEVELOPMENT CORPORATION, OF 1027 NEWPORT AVENUE, PAWTUCKET, RHODE ISLAND 02816, UNITED STATES OF AMERICA.

Inventors: CARL EDWARD CEDERHOLM AND ROBERT HAROLD HUDSON.

Application No. 2350/Cal/75 filed December 17, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims.

A walking doll, comprising a hollow body on which opposed arms are mounted, a pair of legs mounted on said body at the lowermost end thereof in pivotal relation, means located in said body and interconnected to said legs for moving said legs in a pivotal walking motion, and air operated means interconnected to said moving means for effecting the movement thereof for pivotally moving said legs, said air operated means including independently operated pneumatic systems for producing the pivotal movement of said legs, and manually operable means associated with each arm and communicating with a pneumatic system for effecting the operation thereof for producing the pivotal walking motion of said legs.

CLASS 85G & 108B.

142368.

Int. Cl.-C21b 13/08.

AN IMPROVED METHOD FOR THE PRODUCTION OF SPONGE IRON.

Applicant: THE TATA IRON & STEEL COMPANY LIMITED, JAMSHEDPUR, BIHAR, INDIA.

Inventors: ARUN VITHAL SATHE AND AMIT CHATTERJEE.

Application No. 2130/Cal/76 filed November 30, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

An improved method for the production of sponge iron which comprises in reducing iron ore lumps or pellets in a rotary kiln using coal and limestone characterized in that the total quantity of fuel used is separated into two fractions, a fine fraction having particle size of less than 6 mm. and a coarse fraction having particle size of over 6 mm. feeding the coarser fuel along with the feed and feeding the finer fraction from the discharge end of the kiln and wherein a finer fraction is fed at one or more regions from the discharge end in the required quantity.

OPPOSITION PROCEEDING

The opposition entered by Shri Natwarlal Purshotamdas Kinariwala to the grant of a Patent on application No. 135791 made by Shri Munish Chandra Agarwal as notified in Part-III, Section-2 of the Gazette of India dated the 14th December, 1974 has been treated as abandoned and a Patent has been ordered to be sealed on the application in due course.

CORRECTION OF CLERICAL ERRORS UNDER SECTION-78

The title of the application and specification and certain clerical errors in the description in the specification of application for Patent No. 139980 (earlier numbered as 2081/Cal/74), the acceptance of the complete specification of which was notified in the Gazette of India, Part-III, Section-2, dated the 28th August 1976 have been corrected under sub-section (3) of Section 78 of the Patents Act, 1970.

Appeal under Section 25 of the Patents Act, 1970

Appeals filed by V. H. Patel being first appeal No. 195 of 1974, and by J. V. Patel, being first appeal No. 196 of 1974 before the High Court of Gujarat at Ahmedabad against the two decisions of Scientific Officer under Section 25 of the Patents Act, 1970 both dated the 23rd December, 1973 on the two oppositions to the grant of a patent on application No. 89921 filed by the said V. H. Patel and J. V. Patel respectively have been allowed to be withdrawn on the terms of compromise by order of Hon'ble Justice A. D. Desai dated the 15th November, 1976 of the said High Court.

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

(1)

123255 127977 129086 131053 131073 132340

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132559 133960 134425 134713 134963 135840 135844 135850
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PATENTS SEALED

120975 136232 139165 139492 139603 139671 139768 139910
140222 140234 140236 140244 140246 140251 140259 140262
140265 140268 140272 140274 140275 140276 140277 140278
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140512 140533

AMENDMENT PROCEEDINGS UNDER SECTION 57

(1)

The Dunlop Company Limited, of Dunlop House, Ryder Street, St. James, London S.W. 1., England, Rubber Goods Manufacturers, a Company incorporated on the laws of Great Britain, have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for patent No. 118786 for "Method of bonding a metal element to a sulphur—vulcanizable rubber and elements thus bonded". The amendments are by way of correction and disclaimer in order that the invention shall be described and ascertained more correctly and clearly. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 or copies of the same can be had on payment of the usual copying charges.

Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification, at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall left within one month from the date of filing the said notice.

(2)

Notice is hereby given that INCO EUROPE LIMITED (formerly known as International Nickel Limited), a British company of Thames House, Millbank, London SW1P 4QF, England, have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for patent No. 140769 for "Electrolytic Treatment of Chromium—Containing Alloys and Electrolytes for use therein". The amendments are by way of correction by amending the name from International Nickel Limited to Inco Europe Limited. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-7000017, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges.

Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall left within one month from the date of filing the said notice.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in crescent brackets are the dates of the patents.

No.	Title of the invention
76036 (20.4.72)	6-aminopenicillanic acid derivatives.
78484 (20.4.72)	Novel dihydroanthracene compounds.
116498 (20.4.72)	Method of preparing the antibiotic rifamycin SV.
116577 (20.4.72)	Process for producing anti-bacterial preparation.
117742 (20.4.72)	Process for the preparation of 2-methyl-3-carboxylic acid amido-quinoxaline-1, 4-di-N-oxides.
121818 (20.4.72)	Oil known as eurol extracted from plant equatorium odoratum for burns, scalds and ulcers in men.
123255 (20.4.72)	Process for making crystalline alkali metal salts of α -carboxybenzyl penicillin.
129989 (19.1.71)	Manufacture of 1, 1-disubstituted-4, 4-bipyridylum salts and related compounds.
130579 (16.3.71)	A process for the production of edible vegetable protein products.
131404 (18.5.71)	Oxygen-rich oxidant process for marking carbon black and apparatus for use therein.
132859 (20.4.72)	Process for preparing a lactulose powder.
135446 (15.9.72)	Oxidative coppering of azo dyestuffs.

RENEWAL FEES PAID

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 83004 83390 83506 87814 88097 88225 88264 88433 88536
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 139280 139317 139321 139367 139536 139538 139607 139685
 139701 139716 139740 139765 139789 139832 139846 139855

CESSATION OF PATENTS

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 93062 93064 93095 93097 93109 93118 93257 93267 93361
 93375 93388 93398 93411 93419 100729 101946 102510
 104602 121587

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of designs included in the entry.

Class 1. No. 144156. Robert Gelson DePenning, a British Citizen, of 10, Government Place, East, Calcutta, West Bengal, India. "A photo grame". April 9, 1976.

Class 1. No. 144807. Andre Viozat, French National, Auroelectronics, Kottakuppam 605104, Tamil Nadu, India. "Surface processing machine". October 15, 1976.

Class 1. No. 144808. Andre Viozat, French National, Auroelectronics, Kottakuppam-605104, Tamil Nadu (India). "A casing for an electronic device". October 15, 1976.

Class 1. No. 145010. R. Shankardas & Co., 37, Chakla Street, Wassiawala Building, 3rd Floor, Bombay-400003, Maharashtra State, India, An Indian Partnership Firm. "Hook". December 18, 1976.

Class 1. No. 145014. Varadiah Madanagopal, 185, 7th Cross Street, Shenoy Nagar, Madras-30, Tamil Nadu State, India, an Indian Subject. "Handle bow holder for bicycle". December 21, 1976.

Class 1. No. 145037. Moti Engineering Works, 14, Bunglow Road, Kamla Nagar, Delhi, an Indian Partnership concern. "Dash board". December 28, 1976.

Class 1. No. 145073. Babubhai Fakirchand Kansara, An Indian Registered Partnership Firm, at Lal gate, Khand Bazar, Surat, Gujarat State, India. "Paan-daan tray". January 7, 1977.

Class 1. No. 145183. N. V. Philips' Gloeilampenfabrieken, A limited liability Company organized and established under the laws of the Kingdom of the Netherlands, at Emmasingel 29, Eindhoven, The Netherlands. "A gas separating column". November 2, 1976. (U.K.).

Class 1. No. 145210. Narendra Brothers, 2E/22, Jhandewalan Extension, New Delhi-110055, An Indian Partnership Concern. "Bottle opener". February 8, 1977.

Class 3. No. 144157. Robert Gelson DePenning, a British Citizen, of 10, Government Place, East, Calcutta, West Bengal, India. "A photo frame". April 9, 1976.

Class 3. No. 144454. Dimple Cosmetic, 4, Adhyaru Industrial Estate, Sunmill Compound, Lower Parel, Bombay-400013, Maharashtra State, India, an Indian Partnership firm. "Finger holder". July 2, 1976.

Class 3. No. 144780. Bharatkumar Narsidas Kachwala, C/o. Eagle Products, 1, Hanjer Cinema Building, 1st Floor, S. V. Road, Bombay-400060, Maharashtra State, India, Indian National. "Container". October 8, 1976.

Class 3. No. 144791. Mithoo M. Ramchandani, 14, Mont Blanc, 67/A, Nepean Sea Road, Bombay-400006, of Indian Nationality. "Ash tray". October 11, 1976.

Class 3. No. 144793. Mithoo M. Ramchandani, 14 Mont Blanc, 67/A, Nepean Sea Road, Bombay-400006, of Indian Nationality. "Calendar-cum-pen stand". October 11, 1976.

Class 3. No. 144794. Mithoo M. Ramchandani, 14, Mont Blanc, 67/A, Nepean Sea Road, Bombay-400006, of Indian Nationality. "Letter opener scale". October 11, 1976.

Class 3. No. 144963. Usha Enterprises, an Indian Registered Partnership Firm, at 6, Hatkesh Society, St. Xavier's High School Road, Ahmedabad-380014, (Gujarat State), India. "Container". November 29, 1976.

Class 3. No. 145092. Federal Electro System, 301/306, Auto Commerce House, Opp : Jyoti Studio, Kennedy Bridge, Nana Chowk, Bombay-400007, Maharashtra, an Indian Partnership firm. "Ventilators for cars". January 11, 1977.

Class 3. No. 145124. Kukreja Bros, of Adhyaru Industrial Estate, Unit-328, 3rd Floor, New Sun Mill Compound, Lower Parel, Bombay-400013, An Indian Registered Partnership firm. "Toy pistol". January 18, 1977.

Class 3. Nos. 145219 to 145221. Swatik Art Industries, an Indian Partnership Firm, of P.O. Box-7615, Ram Baug, S. V. Road, Malad, Bombay-400064, Maharashtra, India. "Frame". February 14, 1977.

Class 4. No. 145082. Messrs. Rainbow Industries, 1806/52, Nai Wala, Karol Bagh, New Delhi-110005, a Partnership firm. "Rear auto mirror". January 10, 1977.

Class 5. No. 144962. Sehgal Plastic Works, 201/14, Prem Nagar, Ludhiana Punjab (Indian registered partnership concern. "Carton". November 29, 1976.

Class 11. No. 145009. Kaycee Corporation, C/o. KG Badhani, 1st Bhajipala Lane, Bombay-400003, Maharashtra, India, an Indian Partnership Firm. "Brassier". December 18, 1976.

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Design Nos. 140205 & 140206.—Class 1.

Design Nos. 138579 & 140240.—Class 3.

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Design Nos. 131467 & 131468.—Class 3.

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Name & Appln. No.

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American Flange & Manufacturing Co., Inc.—554/Cal/77.

Ananda Sagar, V. S.—69/Mas/77.

Anu Enterprise—73/Del/77.

Associated Electrical Industries Ltd.—610/Cal/77.

—B—

BBC Brown, Boveri & Company Ltd.—608/Cal/77.

BOC Ltd.—571/Cal/77.

Baldota, P. R.—607/Cal/77.

Bank Note Press, The—139/Bom/77, 140/Bom/77 and 141/Bom/77.

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Bayle, P.—529/Cal/77.

Berthelsen, S. O.—580/Cal/77.

Besterna Chemicals—148/Bom/77.

Bhushan, S.—146/Bom/77.

Borade, P. S.—149/Bom/77.

Bunker Ramo Corpn.—600/Cal/77.

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Sparkler Manufacturing Co. 618/Cal/77.

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